

COMMONWEALTH BUREAU OF AGRICULTURAL
PARASITOLOGY (HELMINTHOLOGY),
WINCHES FARM,
395, HATFIELD ROAD,
ST. ALBANS, HERTS.

VOLUME 10. Double Part 16/17
Pp. 515—534, T.P.—LXIV

23rd September, 1954

1954 OCT 2 8

THE BULLETIN OF ZOOLOGICAL NOMENCLATURE

The Official Organ of
THE INTERNATIONAL COMMISSION ON
ZOOLOGICAL NOMENCLATURE

Edited by
FRANCIS HEMMING, C.M.G., C.B.E.

Secretary to the International Commission on Zoological Nomenclature

LONDON :

Printed by Order of the International Trust for
Zoological Nomenclature
and

Sold on behalf of the International Commission by the International
Trust for Zoological Nomenclature at its Publications Office
41, Queen's Gate, London, S.W.7.
1954

Price Two Pounds, Two Shillings
(All rights reserved)

INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

A. The Officers of the Commission

Honorary Life President: Dr. Karl Jordan (British Museum (Natural History), Zoological Museum, Tring, Herts., England)

President: Professor James Chester Bradley (Cornell University, Ithaca, N.Y., U.S.A.) (12th August 1953)

Vice-President: Senhor Dr. Afranio do Amaral (Sao Paulo, Brazil) (12th August 1953)

Secretary: Mr. Francis Hemming (London, England) (27th July 1948)

B. The Members of the Commission

(Arranged in order of precedence by reference to date of election or of most recent re-election, as prescribed by the International Congress of Zoology)

Professor H. Boschma (*Rijksmuseum van Natuurlijke Historie, Leiden, The Netherlands*) (1st January 1947)

Senor Dr. Angel Cabrera (*Eva Peron, F.C.N.G.R., Argentina*) (27th July 1948)

Mr. Francis Hemming (*London, England*) (27th July 1948) (*Secretary*)

Dr. Joseph Pearson (*Tasmanian Museum, Hobart, Tasmania, Australia*) (27th July 1948)

Dr. Henning Lemche (*Universitetets Zoologiske Museum, Copenhagen, Denmark*) (27th July 1948)

Professor Teiso Esaki (*Kyushu University, Fukuoka, Japan*) (17th April 1950)

Professor Pierre Bonnet (*Université de Toulouse, France*) (9th June 1950)

Mr. Norman Denbigh Riley (*British Museum (Natural History) London*) (9th June 1950)

Professor Tadeusz Jaczewski (*Institute of Zoology, Polish Academy of Sciences, Warsaw, Poland*) (15th June 1950)

Professor Robert Mertens (*Natur-Museum u. Forschungs-Institut Senckenberg, Frankfurt a. M., Germany*) (5th July 1950)

Professor Erich Martin Hering (*Zoologisches Museum der Humboldt-Universität zu Berlin, Germany*) (5th July 1950)

Senhor Dr. Afranio do Amaral (*S. Paulo, Brazil*) (12th August 1953) (*Vice-President*)

Professor J. R. Dymond (*University of Toronto, Toronto, Canada*) (12th August 1953)

Professor J. Chester Bradley (*Cornell University, Ithaca, N.Y., U.S.A.*) (12th August 1953) (*President*)

Professor Harold E. Vokes (*Johns Hopkins University, Baltimore, Maryland, U.S.A.*) (12th August 1953)

Professor Béla Hankó (*Mezőgazdasági Museum, Budapest, Hungary*) (12th August 1953)

Dr. Norman R. Stoll (*Rockefeller Institute for Medical Research, New York, N.Y., U.S.A.*) (12th August 1953)

Mr. P. C. Sylvester-Bradley (*Sheffield University, Sheffield, England*) (12th August 1953)

Dr. L. B. Holthuis (*Rijksmuseum van Natuurlijke Historie, Leiden, The Netherlands*) (12th August 1953)

BULLETIN OF ZOOLOGICAL NOMENCLATURE

Volume 10, Double Part 16/17 (pp.515-534, T.P.-LXIV) 23rd September 1954

EDITORIAL NOTE

The present Part contains two papers relating to nomenclatorial problems dealt with earlier in the present volume which were considered by the Colloquium on Zoological Nomenclature, Copenhagen, 1953, but which were received too late for publication prior to the meeting of the Colloquium. These documents were submitted to the Colloquium in mimeographed form. They are now published, in order to complete the record of the documentation submitted to the Colloquium.

The first of these documents is a Report prepared by the Secretary in response to a request addressed to him by the Thirteenth International Congress of Zoology, Paris, 1948, and is concerned with the application of a specific name, when published partly as a substitute name and partly as a name for a specified species or specimen, in cases where that species or specimen differs from that to which the rejected name is applicable. The second of these documents is a statement prepared by Professor Teiso Esaki and submitted by him on behalf of the Japanese National Committee on Zoology; this paper is concerned with the status, under the Law of Homonymy, of names based upon the same word where that word is derived from a language employing some alphabet other than the Latin alphabet.

ADDENDUM

DOCUMENTS RELATING TO CASES

NOS. 6 AND 53

RECEIVED TOO LATE FOR PUBLICATION

PRIOR TO

THE OPENING OF

THE COLLOQUIUM ON ZOOLOGICAL NOMENCLATURE,

COPENHAGEN, 1953,

AND

CONSIDERED BY THAT BODY

IN MIMEOGRAPHED FORM

CASE NO. 6

The status to be accorded to a trivial name, which, when first published, was stated to be a substitute for previously published name but was in addition applied to particular species or to particular specimens in cases where the species concerned differs from that to which the earlier name is applicable

(continued from page 198)

DOCUMENT 6/20

REPORT BY FRANCIS HEMMING, C.M.G., C.B.E.
Secretary to the International Commission on Zoological Nomenclature

Trivial Names published partly as substitute names and partly as names for specified species or specified specimens

(circulated to the Colloquium on Zoological Nomenclature on 15th July 1953 as Paper Z.N.(C.) 9)

Origin of investigation : The Secretary was asked to carry out this investigation by the Paris (1948) Congress¹.

2. Preliminary Survey and Request for advice addressed to specialists : In March 1952 (Hemming, 1952, *Bull. zool. Nomencl.* 7 : 119—130) the Secretary made a survey of the issues on which decisions were required and appealed to specialists to furnish advice as to the action to be taken.

3. Comments received from specialists : The comments received from specialists have been included in the Agenda for the Colloquium as Documents D.6/1 to 6/19. (See Part 6 (pp. 159—190) of vol. 10 of the *Bulletin of Zoological Nomenclature*.)

PROBLEM (1)

4. The first problem is the status to be given to a trivial name published as a substitute name for an earlier name but at the same time applied to a

¹ See 1950, *Bull. zool. Nomencl.* 4 : 499—502

particular species or to particular specimens in cases where the species concerned differs from that to which the earlier name is applicable. The comments received on this question may be summarised as follows. The numbers in brackets (parentheses) after the names of authors are the Document Numbers allotted to the papers submitted by those authors when published in the *Bulletin*. Broadly, four suggestions have been put forward :—

- (a) The name should apply automatically to the species for the name of which it was published as a substitute, irrespective of any other use made of the name at the time that it was first published :

Casey (6/5); Bairstow (6/7); Sabrosky (6/12); American Museum of Natural History, New York (6/13); Hall (6/15); Zimmer (6/16(2)); Dougherty (6/19).

- (b) Both the type of the species, the name of which is replaced and any other material cited by the author publishing the substitute name should be eligible for selection, under Article 31, as the lectotype of the nominal species bearing the later-published name :

Wright (6/10); Scientific Staff of the Berlin and Munich Museums (Hering : 6/11).

- (c) The name should apply to the material described and/or figured by the author by whom it was published, that author's statement that the name was also a substitute name to be treated as a subjective misidentification by that author :

Bradley (6/17); also (apparently) Kruseman (6/8).

- (d) The author of the new name to be treated as having (i) published a substitute name for the earlier nominal species and (ii) published a new name consisting of the same binominal combination for the species which he described and/or figured, the relative priority of these homonyms to be determined by page, line or word precedence.

Hinton (6/4).

PROBLEM (2)

5. The second problem (raised by Arkell in Document 6/3) is in relation to the selection of a lectotype for a nominal species based (i) partly upon new material and (ii) partly upon previously described or published material in cases where the author of the name for that nominal species selects as the base of that name either (1) the name of the locality (or one of the localities) from which the earlier author's material came or (2) the name of that author.

6. The general weight of opinion is clearly against the insertion of any mandatory provisions limiting the choice by an author making a lectotype selection under Article 31, though some authors either do not feel strongly on this question (*e.g.*, Casey (6/5)) or consider that, where material in the

cited publications includes specimens from the locality which gives its name to the new nominal species, the choice of a lectotype should be limited to the specimens from that locality (see Bairstow (6/7); a similar view as regards parasitic species is expressed by Hopkins (6/6) who holds that, where the name of a new nominal species is based upon the name of one of the host species cited by the earlier author, the selection of the lectotype should be limited to those specimens of the original material which belong to species parasitic on that species. A similar situation would arise where the name selected for the later published nominal species is the name of a plant on which the species concerned is parasitic or on which it feeds (in some stage of its development).

7. Suggested adoption of a non-mandatory "Recommendation": The idea of inserting in the *Règles* a non-mandatory "Recommendation" for the guidance of authors when selecting a lectotype in the foregoing circumstances won considerable support and raised no opposition. The general view of those support the idea of adopting such a "Recommendation" seems to be in favour of one on the following lines:—

- (1) (a) Where a nominal species is established upon entirely new material or partly upon new material and partly upon previously published descriptions and/or figures and the word selected for the name of that nominal species is based either (i) upon the name of one of the localities cited or (ii) upon the name of an author referred to in connection with part of the material cited, and (b) where no holotype was designated for the nominal species in question, authors are advised, when selecting a lectotype, to select, in the former case, a specimen from the locality in question, and, in the latter case, a specimen cited by, or otherwise connected with, the earlier author, unless, in either case, there is, in the opinion of the author making the selection, strong reason against so doing.
- (2) Similar advice is offered in connection with the selection of a lectotype for a parasitic species, when the name of that species is based upon the name of a host species, whether an animal or a plant.

Professor J. Chester Bradley's general proposals in regard to the procedure to be adopted when publishing substitute names

8. In his comment upon this case Bradley (Document 6/17) suggested that provision should be made under two heads (numbered by him (1) and (2)) as to the procedure to be followed by authors when publishing substitute names.

9. Further, Bradley suggests (in the same Document) the insertion in the *Règles* of a "Recommendation" giving authors advice on certain other aspects of the procedure which it is desirable should be adopted in publishing substitute names.

10. The supplementary "Recommendation" proposed by Arkell (last paragraph in Document 6/3) is concerned with one aspect of the more general question raised in the proposals by Bradley referred to in paragraph 8 above.

(signed) FRANCIS HEMMING

*Secretary to the International Commission
on Zoological Nomenclature*

28 Park Village East,
Regent's Park,
London, N.W.1.
England.

15th July 1953.

CASE NO. 53

Articles 34 and 35 : Proposal that differences in spelling arising solely from differences in the manner in which the word forming the name has been transliterated into the Latin alphabet from some other alphabet should be ignored for the purposes of the Law of Homonymy

(continued from page 429)

DOCUMENT 53/3

By REISO ESAKI (*Kyushu University, Fukuoka, Japan*)

Request for a Ruling that any two generic names or trivial names in the same genus, each based upon a word transliterated into the Latin alphabet from a language using another alphabet but differing from one another in the transliteration used, be treated as homonyms of one another

(Enclosure to a letter dated 15th June 1953)

(circulated to the Colloquium on Zoological Nomenclature on 27th July 1953 as Paper Z.N.(C.) 13)

In connection with the request submitted by Dr. Hachisuka (1952, *Bull. zool. Nomencl.* 9 : 102—103) the National Sub-Committee on Zoological Nomenclature, National Committee on Zoology, Science Council of Japan, decided to prepare the draft of a ruling to be inserted in some proper place of the *Règles* that generic or trivial names based upon the names of persons or places other than the Latin derivative or upon barbarous words, each consisting of a variant of a previously published name derived from the name of the same person or place or the same word, and are based upon a word transliterated into the Latin alphabet from a language using another alphabet, and the difference(s) so displayed is (are) due to different methods of transliteration, are to be treated as junior homonyms of the earlier names so published. This problem is especially connected with some Asiatic animals, of which the scientific names are based upon names of persons or places. The author, as the Chairman of the Sub-Committee, accordingly personally consulted and discussed the whole problem with Dr. Hachisuka and prepared the present draft, which was approved by Dr. Hachisuka and by the Sub-Committee.*

* Approved by Dr. Hachisuka on 8th May 1953, and by the Sub-Committee on 25th May 1953. The author regrets to record that Dr. Hachisuka died suddenly on 14th May 1953, of angina pectoris, at his residence in Atami at the age of 52.

We reached the conclusion that the ruling should cover as many cases as possible, as suggested by Mr. Hemming, Secretary to the International Commission on Zoological Nomenclature, in connection with Dr. Hachisuka's application (1952, *Bull. zool. Nomencl.* 9 : 103). The co-ordination of various cases derived from different languages proved, however, rather difficult. The following scheme was intended to cover as many as possible of the cases involved at present.

The Sub-Committee submits to the Commission for consideration, that the recommendation to be given in connection with the Article 34 of the *Règles* and *Opinion* 147, agreed by the Commission at the 6th Meeting, Paris, July, 1948 (1950, *Bull. zool. Nomencl.* 4 : 161—162) should be further expanded so as to cover as many as possible of the cases to be expected, and therefore :

It is recommended that, where it is evident that two generic names or two trivial names in the same genus (1) consist of the same Latin word or of the same Latinised word (including proper names other than modern patronymics), or (2) are based upon the same modern patronymic, or (3) are based upon the name of the same continent, country, district, town or other place or upon the name of the same geographical feature such as a mountain, island, sea, river or lake, or (4) are based upon the same barbarous word, and the said generic names or the trivial names of the same genus are distinguished from one another only by one or more of the undermentioned differences in spelling, the two names are to be treated as homonyms of one another.

- (a) the use of "ae", "oe" and "e" (*caeruleus, coeruleus, ceruleus*) ;
- (b) the use of "ei", "i" and "y" (*chiropus, cheiropus ; japensis, yapensis*) ;
- (c) the use of "c" and "k" (*coreanus, koreanus ; micado, mikado*) ;
- (d) the use of "v" and "w" (*okinavanus, okinawanus*) ;
- (e) the use of "c" and "z" (*ceylonensis, zeylonensis*) ;
- (f) the use of "s" and "z" (*lusonicus, luzonicus*) ;
- (g) the aspiration or non-aspiration of a consonant (*oxyryncus, oxyrhynchus*) ;
- (h) the presence or absence of a "o" before a "t" (*autumnalis, auctumnalis*) ;
- (i) the use of "m" and "n" before a consonant (*septemtrionalis, septentrionalis ; symplecta, synplecta*) ;
- (j) the use of a single or double consonant (*litoralis, littoralis*).

In the case of names derived from the names of persons or places or some other word originally written in the Cyrillic or some other alphabet, and the

differences are due to the different methods (*e.g.* English, German, French or Dutch) of transliteration :

- (a) the use of "u", "ou" and "oe" (*buruensis*, *bourouensis*, *boeroensis*);
- (b) the use of "kh", "ch", "gh" and "h" for Cyrillic "х" or an equivalent;
- (c) the use of "ch", "tsch" and "tch" for Cyrillic "ч" or an equivalent;
- (d) the use of "ts" and "z" for Cyrillic "т" or an equivalent;
- (e) the use of "g" and "h" for Cyrillic "г";
- (f) the use of "sh", "sch" and "ch" for Cyrillic "ш" or an equivalent;
- (g) the use of "sheh", "shtch", "shtsh", "schtsch" and "chtch" for Cyrillic "щ";
- (h) the use of "v", "w", "f" and "ff" for Cyrillic "в" or an equivalent;
- (i) the use of "zh", "dsch" and "j" for Cyrillic "ж" or an equivalent;
- (j) the use of "ja" and "ya" or "ju" and "yu" for Cyrillic "я" or "ю".

In the cases of names derived from the names of persons or places of Japan or any other Japanese word, in which differences are due to the use of different systems of transliteration,* or to the use of a sharp or soft consonant, the following differences may be dealt with as shown below :

- (1) Either of each of the following groups of syllables or consonants may be used to express the same sound :

"shi" and "si"; "chi" and "ti"; "tsu" and "tu"; "fu" and "hu"; "ji", "zi" and "di"; "j" and "zy" before an "a", "o" or "u"; "sh" and "sy" before an "a", "o" or "u"; "ch" and "ty" before an "a", "o" or "u"; "m" and "n" before a labial consonant.

* There are several systems of transliteration used in Japan. The so-called "Hepburn's system", in which the vowels are transliterated as in German or Italian, while the consonants are latinised like in English, is the oldest in origin and is still in very wide use, while the so-called "Nippon system", based on theoretical grounds based on the construction of the Japanese language, is more strongly supported in younger academic circles than the former. The two systems differ from each other in expressing several sounds by different consonants as summarized above. A slightly modified system of the latter, the "Kunrei (or Instruction) system", was officially adopted as the standard method of transliteration by the Japanese Government in 1937, but in spite of this act, all three systems are now in use even by governmental bodies.

(2) Either consonant in each of the following groups may be used in some cases to express one and the same syllable according to the arbitrary pronunciation in preference to the other :

“k” and “g”; “s”, “j” and “z”; “t” and “d”; “h” and “b”; “h” and “w”; “sh” and “j”; “ch” and “j”.

The problem whether the present ruling could be further expanded as to cover cases, in which the names are derived from more or less different words of the same meaning and origin, such as *japonicus*, *japanicus*; *nipponicus*, *niphonicus*, *nihonicus*; *berlinensis*, *berolinensis*; *ceylonicus*, *zeylanicus*; or the names are derived from the same geographical term and have the ending, “-ensis”, but differ from one another in spelling, for example, such names as *borneensis*, *borneiensis*, *bornensis*, *borneoensis*, *borneonensis*; should be submitted for further discussion. The difference in names with or without diacritical marks may also be discussed in connection with the present case, and in that event the recent article by Paclt (J. Paclt, Über die Behandlung der diakritischen Zeichen, 1952, *Senckenbergiana* 33 : 357—361) may usefully be consulted.

CORRIGENDA

page 187. Signature at bottom of page: substitute “COLBERT” for “COLLETT”

page 189. Line 7 from bottom: substitute “ZIMMER” for “SIMMER”

page 259. Heading: substitute “24/1” for “25/1”

page 273. Line 21: substitute “1952” for “1951” substitute “223” for “223—224”

Line 30: substitute “6:” for “2:”

page 425. Heading: substitute “52/1” for “51/1”

page 491. Lines 10, 11 and 12: delete “(c) *Crangon* Fabricius, 1798 (an objective junior homonym of *Alpheus* Weber, 1795):”

page 504. Heading: substitute “69/1” for “68/1”

AUTHORS' INDEX

	Page		Page
American Committee on Entomological Nomenclature ...	36—8, 152—5	British Museum (Natural History) London, views of workers at	331—2
American Museum of Natural History, New York ...	23, 127—8, 187, 286—7, 343, 452—3, 454	Cabrera, A. ...	... 220
American Society of Ichthyologists and Herpetologists	39—58, 215—7, 350	Caporiacco, Lodovico di, ...	66, 219—20, 234, 236, 253, 288—9, 435
American Society of Parasitologists ...	... 60, 461—3	Casey, R. ...	... 174—6
Arkell, W. J. ...	16, 115, 169—71, 177—8 (ref.), 295, 310	Chicago Natural History Museum, Committee on Nomenclature	278—9, 338, 379, 497—8, 500—1
Baily, J. L. Jr.	20, 68—70, 71—74, 125, 340	China, W. E.	59, 162, 353
Bailey, R. M. ...	216, 228	Colbert, E. H.	23, 127—8, 187, 286—7, 343
Bairstow, L. ...	179—180, 333	Collin, J. E. ...	... 306—8
Balfour-Browne, J. ...	... 335	Cox, L. R.	290—1, 361 (ref.), 363—6
Benson, B. ...	... 332	Curran, C. H.	452—3, 454
Blackwelder, R. E.	129—34, 380	Daniel, F. ...	... ... 12
Blake, C. H. ...	... 326—7	Dougherty, E. C.	195—8, 211, 254, 255, 261—2, 354, 402—4, 404—5 (ref.)
Bogert, C. M.	46—48, 215, 350	Dymond, J. R.	16—17, 115, 339
Bonnet, P.	65, 208, 209, 212, 231—3, 235, 237—40, 252, 434—5	Ellis, B. F. ...	... 328—30
Bradley, J. C.	28—35, 59, 157—61, 190—3, 247—50, 275, 277, 285—6, 345—6, 394—5, 410, 411—4, 415—6, 418—20	Emilani, C. ...	... 76—81
		Entomologische Gesellschaft, Basel	... ... 59, 156
		Esaki, T. ...	... 523—526

	Page		Page
Flower, R. H.	... 313—5	Henbest, L. G.	... 265—9
Follett, W. I.	23, 33, 39, 135, 143—8, 189, 215, 348, 350, 384—6, 446—7, 455—6, 457—8, 492—3	Hering, E. M.	19, 116, 185, 339
Ford, E. B.	... ... 254	Herzog, J. S.	... ... 4
Forster, W.	... ... 19	Hinton, H. E.	172—3, 177—8 (ref.)
Gertsch, W. J.	... 286—7	Holthuis, L. B.	11, 102—8
Gislén, T.	... ... 372	Hopkins, G. H. E.	9—10, 86—8, 177—8, 206, 336, 355—6 (ref.) 421
Gosline, W. A.	49, 409—10	Hubbs, C. L.	... 50, 217
Grensted, L. W.	... ... 229—30	International Trust for Zoological Nomenclature	512—3
Grobman, A. B.	... 215; 350	Joint Committee on Zoo- logical Nomenclature for Paleontology in America	243
Haas, O. H.	... 164—5	Keen, Myra A.	... 22, 342
Hall, E. R.	27, 135, 188, 347	Kerrick, G. J.	... ... 332
Haltenorth, Th.	13—15, 111—3, 181—2, 337	Kevan, D. K. McE.	... 109—10
Hemming, F.	39—41, 101, 102—8 (ref.), 119—24 (ref.), 136—141 (ref.), 201—3, 207, 208, 210, 213, 214, 218, 221, 222—3, 226—7, 241—3, 251, 254, 256—7, 259, 270—4, 276, 277—85, 292—4, 296, 297—8, 299—305, 355—6, 358—9, 360—3, 374—5, 376—8, 392—3, 396, 397—9, 400—1, 404—5, 406—8, 423—4, 425—6, 427—8, 430—1, 432—3, 438—42, 448—9, 464—91, 495, 496, 499, 502, 505—6, 519—522	Key, K. H. L.	59, 119—24, 194, 353, 445
		Kiriakoff, S. G.	... 18, 450—1
		Klauber, L. M.	... ... 387
		Knight, J. B.	... 129—134
		Kruseman, G.	... ... 180

	Page		Page
Lang, W. D.	83	Peters, J. L.	82, 357—8, 358—9 (ref.)
Lemche, H. 24—7, 117—8, 166, 188, 251, 347, 384, 429, 494—5		Regnell, G.	244—6
Mayr, E. 23, 127—8, 187, 201—3 (ref.), 286—7, 288, 311 (ref.), 315—22, 326—7 (ref.), 334, 343, 452—3, 454		Richter, R. 90—100, 224—5, 381—3	
Meinertzhagen, R.	417	Royal Ontario Museum of Natural History 21—2, 126, 341	
Melville, R. V.	290—1	Sabrosky, C. W. 32—3, 129—34, 136—41, 142, 151, 186, 387—8	
Michener, C. D. 33, 36—8, 141, 388—90, 442—4, 503—4, 509—11		Schultz, L. P.	5, 217
Miller, R. R. 51—3, 141—2, 215, 351, 387		Sheljuzhko, L.	114
Moore, R. C.	63—4, 373	Smith, H. M. 53—5, 216, 351—2, 422	
Mortensen, Th.	372	Smithsonian Institution Com- mittee on Zoological Nomenclature	67
Moure, Pe. J.	4	Society of Systematic Zoo- logy 28—35, 135—51, 189, 348, 384—90, 442—4, 446—7 455—6, 457—8, 492—3, 503—4, 509—11	
Muller, S. W.	22, 342	Stebbins, R. C.	58
Myers, G. S.	216, 312	Stubblefield, C. J.	290—1
Nichols, J. T. 23, 127—8, 187, 217, 343		Sylvester-Bradley, P. C.	309
Nixon, G. E. J.	332	Tate, G. H. H. 23, 127—8, 187, 286—7, 343, 452—3, 454	
Nomenclature Discussion Group, Washington 129—34, 380			
Paelt, J.	436—7		

	Page		Page
Townes, H.	33, 142, 189, 348	Wells, J. W.	34, 142, 388
Travossos, L. Filho ...	... 4	Whittington, H. B. ...	... 163
		Willimovsky, N. J.	56—8, 216
Urquhart, F. A.	21—22, 126, 341	Wright, C. W.	89, 183—4, 344
Usinger, R. L.	28—35, 349	Zimmer, J. T.	23, 34, 75, 127—8, 143, 187, 189, 286—7, 311, 343, 349, 452—3, 454
Vokes, H. E. ...	... 323—5	Zoologische Sammlung des Bayerisches Staates, Munchen, views of mem- bers of the Scientific Staff 340	
Wanner, J.	361—2 (ref.), 367—71		
Weller, J. M.	... 84—5, 330		

PARTICULARS OF DATES OF PUBLICATION OF THE SEVERAL PARTS IN WHICH THE PRESENT VOLUME WAS PUBLISHED

<i>Part No.</i>	<i>Contents of Part - - - (pages)</i>	<i>Date of Publication</i>
1/2	1—60	25th June 1953
3/5	61—166	23rd July 1953
6	167—198	1st July 1953
7	199—230	14th July 1953
8	231—262	23rd July 1953
9	263—298	23rd July 1953
10/11	299—354	23rd July 1953
12	355—390	23rd July 1953
13	391—426	24th July 1953
14	427—458	24th July 1953
15	459—514	24th July 1953
16/17	515—534	23rd September 1954
	T.P.—LXIV	23rd September 1954

INSTRUCTIONS TO BINDERS

The present volume should be bound up as follows:—T.P.—LXIV, 1—534

Note : The wrappers (covers) of the sixteen Parts in which this volume was published should be bound in at the end of the volume.

THE BULLETIN OF ZOOLOGICAL NOMENCLATURE

The Official Organ of
**THE INTERNATIONAL COMMISSION ON
ZOOLOGICAL NOMENCLATURE**

VOLUME 10

Edited by

FRANCIS HEMMING, C.M.G., C.B.E.

Secretary to the International Commission on Zoological Nomenclature

LONDON :

Printed by Order of the International Trust for
Zoological Nomenclature

and

Sold on behalf of the International Commission on Zoological
Nomenclature by the International Trust at its Publications Office
41, Queen's Gate, London, S.W.7.
1953—1954

(All rights reserved)

THANKS TO I.U.B.S. AND U.N.E.S.C.O.

**THE INTERNATIONAL TRUST FOR ZOOLOGICAL
NOMENCLATURE**

has great pleasure

in

expressing its grateful thanks

to the

INTERNATIONAL UNION FOR BIOLOGICAL SCIENCES (I.U.B.S.)

and to the

**UNITED NATIONS EDUCATIONAL SCIENTIFIC AND CULTURAL
ORGANISATION (U.N.E.S.C.O.)**

for the financial assistance

afforded

towards the cost of organising the

Colloquium on Zoological Nomenclature, Copenhagen, July-August 1953

INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

(composition at the time of the preparation of the Agenda for the Colloquium on Zoological Nomenclature, Copenhagen, 1953)

A. The Officers of the Commission

Honorary Life President: Dr. Karl Jordan (*British Museum (Natural History), Zoological Museum, Tring, Herts., England*)

President: Professor J. Chester Bradley (*Cornell University, Ithaca, N.Y., U.S.A.*) (27th November 1952)

Vice-President: Senhor Afranio do Amaral (*Instituto Butantan, São Paulo, Brazil*)

Secretary: Mr. Francis Hemming (*London, England*)

B. The Members of the Commission

(arranged in order of precedence by reference to date of election or of most recent re-election, as prescribed by the International Congress of Zoology)

Senhor Afranio do Amaral (*Instituto Butantan, São Paulo, Brazil*) (1st January 1944) (*Vice-President*)

Professor J. R. Dymond (*University of Toronto, Toronto, Canada*) (1st January 1944)

Professor J. Chester Bradley (*Cornell University, Ithaca, N.Y., U.S.A.*) (28th March 1944)

Professor Harold E. Vokes (*Johns Hopkins University, Baltimore, Maryland, U.S.A.*) (23rd April 1944)

Professor Béla Hankó (*Békéscsaba, Hungary*) (1st January 1947)

Dr. Norman R. Stoll (*Rockefeller Institute for Medical Research, New York, N.Y., U.S.A.*) (1st January 1947)

Professor H. Boschma (*Rijksmuseum van Natuurlijke Historie, Leiden, The Netherlands*) (1st January 1947)

Senor Dr. Angel Cabrera (*Eva Perón, F.C.N.G.R., Argentina*) (27th July 1948)

Mr. Francis Hemming (*London, England*) (27th July 1948) (*Secretary*)
Dr. Joseph Pearson (*Tasmanian Museum, Hobart, Tasmania, Australia*) (27th July 1948)

Dr. Henning Lemche (*Universitetets Zoologiske Museum, Copenhagen, Denmark*) (27th July 1948)

Professor Teiso Esaki (*Kyushu University, Fukuoka, Japan*) (17th April 1950)

Professor Pierre Bonnet (*Université de Toulouse, Toulouse, France*) (9th June 1950)

Mr. Norman Denbigh Riley (*British Museum (Natural History), London*) (9th June 1950)

Professor Tadeusz Jaczewski (*Warsaw University, Warsaw, Poland*) (15th June 1950)

Professor Robert Mertens (*Natur-Museum u. Forschungs-Institut Senckenberg, Frankfurt a.M., Germany*) (5th July 1950)

Professor Erich Martin Hering (*Zoologisches Museum der Humboldt-Universität zu Berlin, Germany*) (5th July 1950)

INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

**The Staff of the Secretariat of the Commission
(June, 1954)**

Honorary Secretary: Mr. Francis Hemming, C.M.G., C.B.E.

Honorary Personal Assistant to the Secretary: Mrs. M. F. W. Hemming

Honorary Archivist: Mr. Francis J. Griffin, A.L.A.

Administrative Officer: Mrs. S. C. Watkins, M.A.

Secretariat: $\left\{ \begin{array}{l} \text{Mrs. J. H. Newman} \\ \text{Mrs. Prudence Goldman} \\ \text{Mrs. E. M. Lewis} \end{array} \right.$

Indexer: Miss Joan Kelley, B.Sc.

Translator: Mrs. R. H. R. Hopkin

INTERNATIONAL TRUST FOR ZOOLOGICAL NOMENCLATURE

Chairman: The Right Hon. Walter Elliot, C.H., M.C., F.R.S., M.P.

Managing Director and Secretary: Mr. Francis Hemming, C.M.G., C.B.E.

Publications Officer: Mrs. C. Rosner

ADDRESSES OF THE COMMISSION AND THE TRUST

Secretariat of the Commission: 28 Park Village East, Regent's Park,
London, N.W.1.

Offices of the Trust: 41, Queen's Gate, London, S.W.7.

F O R E W O R D

The present volume contains the second and concluding portion of the documents which were gathered together to form the Agenda for the Colloquium on Zoological Nomenclature held, under the auspices of the International Trust for Zoological Nomenclature, at Copenhagen in July—August 1953.

2. The first instalment which comprised the extensive documentation submitted in regard to the first three items on the Agenda of the Colloquium were published in volume 8 of the present serial. The present volume comprises the two hundred and thirty-six documents submitted to the Colloquium in connection with the remaining items on its Agenda (Cases Nos. 4—70).

3. For the reasons explained in the Foreword to volume 8, there was only a period of about five months in which to pilot that and the present volume through the press, if, as was essential, the two volumes were to be ready for consideration by the Colloquium when it assembled at Copenhagen on 29th July 1953. It will be appreciated therefore that the task of passing some eight hundred pages of print through the press in so short a period was one of considerable difficulty. In such circumstances it was impossible to devote the normal amount of time to the reading of proofs and, in consequence, the present volume contains a number of misprints, especially in papers published in some language other than English or containing words in Greek or other languages using alphabets other than the Latin alphabet. The Trust offers its apologies to the authors of the papers concerned. Certain other misprints are corrected on page 526.

4. It will be appreciated that the documents published in this volume represent only the working papers which were before the Colloquium when it considered the various nomenclatorial issues concerned and that in numerous cases the opportunities for interchanges of views presented by the long discussions which took place at the meetings of the Colloquium led individual specialists who had presented documents published in the present volume to modify their views in the light of considerations advanced by other members of the Colloquium. For these reasons and because, in the case of each of the problems concerned, a definite decision was reached by the Copenhagen Congress, the value of the present volume rests mainly in its historical interest. The documents published in the present volume should therefore be looked upon only as being in the nature of a background to the decisions taken by the Copenhagen Congress and should be read only in conjunction with those decisions.

5. The decisions on the questions dealt with in the present volume taken by the Fourteenth International Congress of Zoology, Copenhagen, 1953,

on the advice of the International Commission on Zoological Nomenclature, assisted by the Colloquium on Zoological Nomenclature, together with decisions taken by it on other questions of zoological nomenclature, have been published, at the request of the Copenhagen Congress, by the International Trust for Zoological Nomenclature in a book entitled *Copenhagen Decisions on Zoological Nomenclature*. This book, which was published on 31st December 1953, is obtainable from :—The International Trust for Zoological Nomenclature, Publications Office, 41, Queen's Gate, London, S.W.7 (price five shillings (5/-), plus postage).

6. In order to facilitate the reading of the present volume, I have annexed to the present Foreword a Statement giving, for each of the sixty-seven items of the Colloquium's Agenda concerned, a reference to the page in the book *Copenhagen Decisions on Zoological Nomenclature* where will be found the decision taken by the Fourteenth International Congress of Zoology, Copenhagen, 1953, on the item concerned.

7. In completing the present volume, the International Trust for Zoological Nomenclature desires to express its grateful thanks to Professor R. Spärck, President of the Fourteenth International Congress of Zoology for the admirable arrangements made by him for the accommodation of the Colloquium on Zoological Nomenclature during its meeting at Copenhagen, arrangements which contributed to an important degree to the successful outcome of its deliberations.

FRANCIS HEMMING

*Secretary to the International Commission
on Zoological Nomenclature*

28, Park Village East,
Regent's Park,
LONDON, N.W.1.
10th June 1954.

ANNEXE TO FOREWORD
**DECISIONS TAKEN BY THE FOURTEENTH INTERNATIONAL CONGRESS
 OF ZOOLOGY, COPENHAGEN, 1953, ON THE NOMENCLATORIAL
 PROBLEMS DEALT WITH IN THE PRESENT VOLUME**

<i>Case No.</i>	<i>Subject</i>	<i>Page in "Copenhagen Decisions on Zoological Nomenclature" containing decision taken on problem specified in Col. (2)</i>
(1)	(2)	(3)
4	Problems involved in devising provisions for inclusion in the <i>Règles</i> for the naming of Orders (including Sub-Orders) and Taxonomic Categories of Higher Rank	38—43
5	Problems involved in the emendation of names : proposed revision of Article 19 of the <i>Règles</i> ...	43—46
6	Status to be accorded to a trivial name which, when first published, (a) was stated to be a substitute for a previously published name, and (b) was, in addition, applied to a particular species or to particular specimens, where that species is not the same as that to which the previously published name is applicable	75, 76
7	On the question of the species to be accepted as the type species of a nominal genus, the name of which was first published without any separate "indication" in a generic synonymy	63
8	Article 14 : formation of a trivial name based upon the name of a modern personage, the first portion of which consists of the particle "M" ...	48, 55, 79
9	Articles 8 and 14 : choice of connective vowels in the formation of names consisting of compound words	43, 55, 81
10	Article 14, Paragraph (3), Section (c) : method to be followed when forming a trivial name based upon the surname of a Russian woman on the transliteration of that name from the Cyrillic alphabet into the Latin alphabet	54

<i>Case No.</i>	<i>Subject</i>	<i>Page in "Copenhagen Decisions on Zoological Nomenclature" containing decision taken on problem specified in Col. (2)</i>
(1)	(2)	(3)
11	Article 14 : problem arising in connection with trivial names based upon modern patronymics in cases where those patronymics are already in a Latinised form	53
12	Article 14 : procedure to be followed when forming a trivial name based upon a modern patronymic in cases where that patronymic consists of more than two words, of which the first is the definite article	48, 55
13	Article 14 : procedure to be followed when forming a trivial name based either (i) upon the name of a modern personage where that name is preceded by a nobiliar particle or (ii) upon the name of a Christian Saint	55
14	Article 14 : proposed regularisation of the status of trivial names based on modern patronymics, when formed as adjectives	53
15	Article 14 : question whether it is desirable that trivial names based upon modern patronymics in the genitive singular and incorrectly formed with a double terminal " -ii " should, as decided in Paris in 1948, be subject to automatic correction ...	54, 82
16	Article 14 (or associated Article) : question of the gender attributable to generic names consisting of compound words of Greek or Latin origin... ...	50
17	Article 15 : proposed amplification of the provisions relating to the formation of trivial names consisting of compound words	56
18	Article 16 : proposed addition of a <i>Recommandation</i> relating to the formation of trivial names based upon geographical terms and having the termination " -ensis"	57

<i>Case No.</i>	<i>Subject</i>	<i>Page in “Copenhagen Decisions on Zoological Nomenclature” containing decision taken on problem specified in Col. (2)</i>
(1)	(2)	(3)
19	Article 16 : proposed amplification of provisions relating to the formation of trivial names based upon geographical terms	57
20	Article 20 : proposed deletion from, of reference to diacritic marks	57
21	Article 20 : proposed amendment of concluding portion of <i>Recommandation</i>	57
22	Article 20 : proposed addition of a <i>Recommandation</i> deprecating the use of diphthongs in the printing of scientific names	58
23	Article 21 : proposed clarification of a decision taken in 1948 regarding the method to be adopted for determining the circumstances in which a new name is to be attributed to an author other than that by whom the book or paper in which the new name was published was written	58
24	Article 22 : proposed drafting amendment of, in the interests of consistency	59
25	Article 23 : authorship of a combination	59
26	Article 24 : proposed establishment of a method of citation in cases where a species is doubtfully referred to a given genus and where one species is doubtfully identified with another	60
27	Article 25 : proposed insertion of a provision that the distribution of a microfilm does not constitute “ publication ” of the paper reproduced in this manner and therefore that no new name contained in such a paper possesses any status in zoological nomenclature	60

<i>Case No.</i>	<i>Subject</i>	<i>Page in "Copenhagen Decisions on Zoological Nomenclature" containing decision taken on problem specified in Col. (2)</i>
(1)	(2)	(3)
28	Article 25 : proposed co-ordination with other parts of the <i>Règles</i> of the provision in, relating to the nomenclatorial status of books and papers, the manner of the issue of which does not satisfy the tests prescribed for " publication "	61
29	Article 25 : proposed redrafting of, in order to make it clear that, for a name to become available, it must be published with diagnostic characters ...	61, 62
30	Article 35 : proposed insertion of a provision denying availability to a trivial name of a Fossil species unless at the time of the publication of that name there was published also a figure of the species in question	62
31	Article 25 : question whether a name given to a nominal genus, the type specimen of the type species of which is a pathological monstrosity should be given any status of availability	63
32	Article 25 : proposed insertion of a provision that a name published by an author who made it clear that his object in so doing was some purpose other than that of providing a name for use in zoological nomenclature possesses no status of availability ...	63
33	Article 25 : question of the status to be accorded to generic names and trivial names published as <i>nomina nuda</i> in synonymies	63
34	Article 25 : proposed insertion of a provision that a trivial name consisting of spelled-out letters or numerals shall not be accepted as available when those letters or numerals were originally employed as ordinals for the enumeration of the species, subspecies or infra-specific names concerned ...	64

<i>Case No.</i>	<i>Subject</i>	<i>Page in “Copenhagen Decisions on Zoological Nomenclature” containing decision taken on problem specified in Col. (2)</i>
(1)	(2)	(3)
35	Article 25 : proposed insertion of a provision denying the status of availability to a trivial name inadvertently published as the result of the misreading of a previous publication or of a museum label or the like	65
36	Article 25 : proposed insertion of a provision that certain classes of generic names published for fossil species and bearing the termination “ -ites ”, “ -ytes ”, or “ -thes ” possess no status in zoological nomenclature	65
37	Article 25, Proviso (a) : proposed insertion of words to make it clear that a trivial name having as its indication only a qualified reference to a previously published trivial name does not satisfy the requirements of the foregoing Proviso	66
38	Article 28 : proposed restoration, in whole or in part, of the First Reviser principle	66, 67
39	Article 30 : proposed insertion of a provision clarifying the question of the nominal species to be regarded as eligible for selection as the type species of a genus established without cited nominal species, in cases where a subsequent author, without citing such a species, gives a bibliographical reference to a work in which such a species is cited	67
40	Article 30 : proposed amendment of the provisions relating to the procedure to be followed in dealing with nominal genera based, or alleged to have been based, upon misidentified type species ...	68
41	Article 30 : proposed clarification of Rule (c)...	70

<i>Case No.</i>	<i>Subject</i>	<i>Page in "Copenhagen Decisions on Zoological Nomenclature" containing decision taken on problem specified in Col. (2)</i>
(1)	(2)	(3)
42	Article 30, Rule (f) (Rule relating to the type species of a nominal genus, the name of which is published to replace an earlier name) : proposed introduction of words to make it clear that this Rule applies only where a name is expressly published as a substitute for another name	70
43	Article 30, Rule (f) : proposed clarification of the position as regards the nominal species eligible to be the type species of two nominal genera, of which the name of one was published as a substitute for the name of the other	71
44	Article 30, Rule (g) : proposed insertion of words to make it clear that the selection of a structure exhibited by a specimen referred to a given species as typical of a given genus does not constitute the selection of that species as the type species of that genus	69, 71
45	Article 30 : proposed repeal of the portion of Rule (g) arising from the interpretation in <i>Opinion 6</i> ...	72
46	Article 31 : proposed amendment of provisions relating to nominal species subjectively regarded by taxonomists as composite species	72, 74
47	Article 31 : proposed refinement of provisions relating to lectotypes	73
48	Article 31 : suggested drafting amendments ...	72—75, 77
49	Article 32 : proposed insertion of a provision for the rejection of a name on the ground of inappropriateness in certain circumstances	78

<i>Case No.</i>	<i>Subject</i>	<i>Page in “Copenhagen Decisions on Zoological Nomenclature” containing decision taken on problem specified in Col. (2)</i>
(1)	(2)	(3)
50	Articles 34 and 35 : proposed addition of the consonantal “i” and the consonantal “j” and “yi” as forming a group of identical letters for the purposes of the Law of Homonymy	78, 80
51	Articles 34 and 35 : question whether names consisting of words differing from one another in spelling only by the presence in the one case and by the absence in the other, of a diaeritic mark over, or under, one of the letters of which the word is composed are to be treated as homonyms of one another	79
52	Articles 34 and 35 : proposed clarification of certain aspects of, in relation to names differing from one another only through the presence or absence of diaeritic marks	79
53	Articles 34 and 35 : proposal that difference in spelling arising solely from differences in the manner in which the word forming a name has been transliterated into the Latin alphabet from some other alphabet should be ignored for the purposes of the Law of Homonymy	80
54	Articles 34 and 35 : proposal that differences in the spelling of names based upon barbarous words arising solely from the adoption of different methods for transcribing into the Latin alphabet the barbarous word concerned should be disregarded for the purposes of the Law of Homonymy ...	79, 81
55	Article 35 : proposed insertion of a provision that, for the purposes of establishing a condition of secondary homonymy between two specific names, it is not necessary that an author should expressly cite the names in a homonymous combination before rejecting, and replacing, the later published of the two trivial names involved	82

<i>Case No.</i>	<i>Subject</i>	<i>Page in "Copenhagen Decisions on Zoological Nomenclature" containing decision taken on problem specified in Col. (2)</i>
(1)	(2)	(3)
56	Transcription of the Latin "v" (vowel) and "v" (consonantal) and of the Latin "i" (vowel) and "i" (consonantal)	83
57	New Article relating to the status of names published as the names of infra-subspecific forms : proposal to extend the period of grace before the new rules apply in their entirety to names published for taxonomic units below the species level but not clearly intended to apply to populations as contrasted with individual forms and other minority elements, and to relax the definition for such names	84
58	Infra-subspecific names : proposal to withdraw recognition from	83
59	Nomenclature of the specific complex ...	85
60	Proposed substitution of the term "specific name" in place of the term "trivial name" for the second portion of a binominal combination ...	21
61	Proposed adoption of the adjective "nominate" in place of the adjective "nominotypical" to denote the sub-species of a polytypic species upon which the original description of that species was based ...	21
62	Need for uniformity of rules of zoological nomenclature for the whole of the Animal Kingdom ...	85
63	Trend away from "automatic nomenclature" ...	85
64	Proposal for broadcasting the basis of the authority of the International Commission on Zoological Nomenclature	86—92

<i>Case No.</i>	<i>Subject</i>	<i>Page in “Copenhagen Decisions on Zoological Nomenclature” containing decision taken on problem specified in Col. (2)</i>
(1)	(2)	(3)
65	Relationship between the International Commission on Zoological Nomenclature and the International Congress of Zoology: proposed maintenance of existing arrangements	86
66	Question of the size of the International Commission on Zoological Nomenclature...	86—89
67	Qualifications to be looked for in candidates for election as Members of the International Commission on Zoological Nomenclature and method to be adopted for election	86—89
68	Period of service of Members of the International Commission on Zoological Nomenclature	86, 90, 91
69	On the giving of advance notice by the International Commission on Zoological Nomenclature of action proposed to be taken in particular cases	86, 91
70	Copyright of publications issued by the International Trust for Zoological Nomenclature	95

T A B L E O F C O N T E N T S

**Documents prepared for consideration by the Colloquium on
Zoological Nomenclature, Copenhagen, 1953 and by the
International Commission on Zoological Nomen-
clature during its Session of Meetings to be
held in Copenhagen in July-August 1953**

P A R T 1

**PROBLEMS POSTPONED BY THE THIRTEENTH INTER-
NATIONAL CONGRESS OF ZOOLOGY, PARIS, 1948,
FOR FURTHER CONSULTATIONS WITH INTERESTED
SPECIALISTS AND FOR SUBMISSION TO THE
FOURTEENTH INTERNATIONAL CONGRESS OF
ZOOLOGY, COPENHAGEN, 1953**

(continued from volume 8)

C A S E N o . 4

Problems involved in devising provisions for inclusion in the
“Règles” for the naming of Orders (including Sub-Orders)
and Taxonomic Categories of Higher Rank

	Page
Document 4/1. —Origin of the present investigation. Note by FRANCIS HEMMING, <i>Secretary to the International Commission on Zoological Nomenclature</i>	2
Document 4/2. —General consultation with specialists and issue of an Appeal for advice in 1952. Note by FRANCIS HEMMING, <i>Secretary to the International Commission on Zoological Nomenclature</i>	3
Document 4/3. —Examples of competing names for Classes submitted to the International Commission on Zoological Nomenclature. Note by FRANCIS HEMMING, <i>Secretary to the International Commission on Zoological Nomenclature</i>	3

	Page
Document 4/4. —Names for Tribes and Sub-Tribes. Suggestions by PE. JESUS MOURE, C.M.F. (<i>Museu Paranaense e Universidade de Parana</i>) and L. TRAVASSOS FILHO (<i>Departamento de Zoologia de Sao Paulo, Brazil</i>)	4
Document 4/5. —Resolution adopted at the Final Plenary Session of the Congreso Científico Mexicana, 1951. Letter, dated 29th October 1951, from JESUS SILVA HERZOG, Presidente, <i>Comision Ejecutiva del Congreso</i>	4
Document 4/6. —Results of a Preliminary Survey of Group Endings in Zoological Classifications above the Category of Genus. By LEONARD P. SCHULTZ (<i>Smithsonian Institution, United States National Museum, Washington, D.C., U.S.A.</i>)	5
Document 4/7. —The Possible Addition to the <i>Règles</i> of Provisions Governing the Naming of Orders and Higher Taxonomic Categories. By G. H. E. HOPKINS, O.B.E., M.A. (<i>British Museum (Natural History), Zoological Museum, Tring, Herts.</i>)	9
Document 4/8. —Letter dated 15th April 1952 from L. B. HOLTHUIS (<i>Rijksmuseum van Natuurlijke Historie, Leiden, The Netherlands</i>) ...	11
Document 4/9. —Suggestions furnished by FRANZ DANIEL (<i>Zoologische Sammlung des Bayerischen Staates, München, Germany</i>) ...	12
Document 4/10. —Explanatory Note by TH. HALTENORTH (<i>Museum, München, Germany</i>) and communicated by E. M. HERING (<i>Abteil- ungsleiter am Zoologischen Museum der Humboldt-Universität zu Berlin</i>)	13
Document 4/11. —Extract from a letter dated 23rd May 1952 by W. J. ARKELL, M.A., D.Sc., F.R.S. (<i>Sedgwick Museum, Cambridge Uni- versity, Cambridge</i>)	16
Document 4/12. —Statement by J. R. DYMOND (<i>University of Toronto, Department of Zoology, Toronto, Canada</i>)...	16
Document 4/13. —Enclosure to a letter concerning Commission's Ref. Z.N.(S.) 360 (Naming of Orders and Higher Taxonomic Categories) and Appendix to Answers to Inquiry by S. G. KIRIAKOFF, L.Sc. (<i>Zoological Museum, Ghent University, Belgium</i>)... ...	18

	Page
Document 4/14. —Stellungnahme zu den Vorschlagen zur Einführung von Vorschriften über die Benennung der Ordnungen und Höheren Kategorien in die <i>Règles</i> by ERICH M. HERING (<i>Abteilungsleiter am Zoologischen Museum der Humboldt-Universität zu Berlin</i>), with an Annexe giving the Views of WALTER FORSTER (<i>Zoologische Sammlung des Bayerischen Staates, München, Germany</i>)	19
Document 4/15. —Statement furnished by JOSHUA L. BAILY, JR. (<i>San Diego, California, U.S.A.</i>)	20
Document 4/16. —Statement of the views of the SCIENTIFIC STAFF OF THE ROYAL ONTARIO MUSEUM OF ZOOLOGY AND PALAEONTOLOGY, TORONTO, CANADA	21
Document 4/17. —Comment on the Proposal to Include Orders and Higher Taxonomic Categories in the <i>Règles</i> by A. MYRA KEEN and SIEMON W. MULLER (<i>Stanford University, Stanford, California, U.S.A.</i>)	22
Document 4/18. —Statement of the views of the COMMITTEE ON NOMENCLATURE OF THE AMERICAN MUSEUM OF NATURAL HISTORY, NEW YORK. Enclosure to a letter, dated 10th July 1952, from JOHN T. ZIMMER, <i>Chairman</i>	23
Document 4/19. —Two letters dated 17th July 1952 furnished by HENNING LEMCHE (<i>Universitetets Zoologiske Museum, Copenhagen, Denmark</i>)	24
Document 4/20. —Enclosure to a letter dated 22nd July 1952 furnished by E. RAYMOND HALL (<i>University of Kansas, Department of Zoology, Lawrence, Kansas, U.S.A.</i>)	27
Document 4/21. —Orders and Higher Categories ; Z.N.(S.) 360. Statement setting out the views of members of the NOMENCLATURE COMMITTEE OF THE SOCIETY OF SYSTEMATIC ZOOLOGY...	28
Appendices 1 and 2 : Summary of the problem involved in the naming of Orders and Higher Categories	28
Enclosure 1 : Brief Summary of problems by J. CHESTER BRADLEY (<i>Cornell University, Ithaca, N.Y., U.S.A.</i>) and ROBERT L. USINGER (<i>University of California, Berkeley, California, U.S.A.</i>)	28

	Page
Enclosure 2 : Commentary on the proposals relating to the naming of Orders and Higher Categories summarised in Enclosure 1 by J. CHESTER BRADLEY and ROBERT L. USINGER... ...	30
Appendix 3 : Comments furnished by CURTIS W. SABROSKY (United States Department of Agriculture, Bureau of Entomology and Plant Quarantine, Washington, D.C., U.S.A.)	32
Appendix 4 : Comment furnished by CHARLES D. MICHENER (University of Kansas, Lawrence, Kansas, U.S.A.)	33
Appendix 5 : Comment furnished by W. I. FOLLETT (California Academy of Sciences, San Francisco, California, U.S.A.)	33
Appendix 6 : Comment furnished by HENRY TOWNES (United States National Museum, Washington, D.C., U.S.A.)... ...	33
Appendix 7 : Comments furnished by JOHN W. WELLS (Cornell University, Ithaca, N.Y., U.S.A.)	34
Appendix 8 : Comments furnished by JOHN T. ZIMMER (American Museum of Natural History, New York, U.S.A.)	34
Appendix 9 : Extract from the proceedings of a Symposium on Zoo- logical Nomenclature relating to the naming of Orders and other Higher Categories held by the Pacific Section of the SOCIETY OF SYSTEMATIC ZOOLOGY AT THE OREGON STATE COLLEGE, Cornwallis, Oregon, U.S.A.	34
Document 4/22.—Orders (Commission Reference Z.N.(S.) 360) ; State- ment of the views of the AMERICAN COMMITTEE ON ENTO- MOLOGICAL NOMENCLATURE	36
Document 4/23.—Orders (Commission's Reference Z.N.(S.) 360) ; State- ment of the views of members of the COMMITTEE ON ZOOLOGICAL NOMENCLATURE OF THE AMERICAN SOCIETY OF ICHTHY- OLOGISTS AND HERPETOLOGISTS. Letter, with enclosures, from W. I. FOLLETT (California Academy of Sciences, San Francisco, California, U.S.A.), Chairman	39
Appendix 1 : The Nomenclature of the Higher Animal Categories [presented anonymously]	42
Appendix 2 : Statement furnished by CHARLES M. BOGERT (The American Museum of Natural History, New York)	46

	Page
Appendix 3 : Statement furnished by WILLIAM A. GOSLINE (<i>University of Hawaii, Honolulu, Hawaii</i>)	49
Appendix 4 : Statement furnished by CARL L. HUBBS (<i>Scripps Institution of Oceanography, La Jolla, California, U.S.A.</i>) ...	50
Appendix 5 : Statement furnished by ROBERT R. MILLER (<i>Smith- sonian Institution, United States National Museum, Washington, D.C., U.S.A.</i>)	51
Appendix 6 : Statement furnished by HOBART M. SMITH (<i>Uni- versity of Illinois, Urbana, Illinois, U.S.A.</i>)	53
Enclosure 1 : Higher Categories by HOBART M. SMITH ...	53
Enclosure 2 : Naming of Orders and Higher Categories by HOBART M. SMITH	54
Appendix 7 : Statement furnished by NORMAN J. WILLIMOVSKY (<i>Stanford University, Stanford, California, U.S.A.</i>)	56
Appendix 8 : Statement furnished by ROBERT C. STEBBINS ...	58
Document 4/24. —Statement of the views of ENTOMOLOGISCHE GESELLSCHAFT, BASEL. Extract from letter from HENRY BEURET (<i>Neue Welt près Bâle, Switzerland</i>)	59
Document 4/25. —Statement furnished by J. CHESTER BRADLEY (<i>Cornell University, Ithaca, N.Y., U.S.A.</i>)	59
Document 4/26. —Reference Z.N.(S.) 360. (Ordinal, etc. names) by W. E. CHINA, M.A., D.Sc. (<i>British Museum (Natural History), London</i>)	59
Document 4/27. —Extract from a letter by K. H. L. KEY (<i>Common- wealth Scientific and Research Organisation, Division of Entomology, Canberra, Australia</i>)	59
Document 4/28. —Statement furnished by the AMERICAN SOCIETY OF PARASITOLOGISTS	60

CASE No. 5

Documents relevant to the consideration of the problem
of the emendation of names

	Page
Document 5/1. —Origin of the present investigation. Note by the Secretary to the International Commission on Zoological Nomenclature	61
Document 5/2. —General consultation with specialists and issue of an appeal for advice in 1952. Note by the Secretary to the International Commission on Zoological Nomenclature	62
Document 5/3. —Objection to the emendation of names on entomological grounds. By RAYMOND C. MOORE (<i>University of Kansas, Lawrence, U.S.A.</i>)	63
Document 5/4. —Pierre Bonnet's proposal regarding the spelling to be adopted for a word for which more than one spelling is in use. Note by the Secretary to the International Commission on Zoological Nomenclature	65
Document 5/5. —Comment upon Pierre Bonnet's proposition No. 10. By LODOVICO DI CAPRIACCO (<i>University of Parma, Italy</i>) ...	66
Document 5/6. —Proposals in a report by a SUB-COMMITTEE OF THE SMITHSONIAN INSTITUTION COMMITTEE ON ZOOLOGICAL NOMENCLATURE published in July 1948. Note by the Secretary of the International Commission on Zoological Nomenclature	67
Document 5/7. —Comment on the proposals brought forward by a SUB-COMMITTEE OF THE SMITHSONIAN INSTITUTION COMMITTEE ON ZOOLOGICAL NOMENCLATURE in 1948. By JOSHUA L. BAILY, JR. (<i>San Diego, California, U.S.A.</i>) ...	68
Document 5/8. —On the principles which should govern the spelling of names. By JOSHUA L. BAILY, JR. (<i>San Diego, California, U.S.A.</i>) ...	71
Document 5/9. —Letter dated 28th February 1951. By JOHN T. ZIMMER (<i>The American Museum of Natural History, New York</i>) ...	75
Document 5/10. —Problems of grammar and nomenclature. By CESARE EMILIANI (<i>University of Chicago, Illinois, U.S.A.</i>) ...	76

	Page
Document 5/11. —Relative status for the purposes of the Law of Homonymy of scientific names consisting of compound words differing from one another in spelling only by the use of different connective vowels. By JAMES L. PETERS (<i>Museum of Comparative Zoology at Harvard College, Cambridge, Massachusetts, U.S.A.</i>)	82
Document 5/12. —Letter dated 12th June 1951. By W. D. LANG (late of <i>British Museum (Natural History), Department of Geology, London</i>)	83
Document 5/13. —Variations in spelling of homonymous names. By J. MARVIN WELLER (<i>University of Chicago, Department of Geology, Illinois, U.S.A.</i>)	84
Document 5/14. —On the reform of Article 19 of the <i>Règles</i> relating to the conditions in which emendations of scientific names should be made or accepted. By G. H. E. HOPKINS, O.B.E., M.A. (<i>British Museum (Natural History), Zoological Museum, Tring, Herts.</i>) ...	86
Document 5/15. —The emendation of zoological names. By C. W. WRIGHT (<i>London</i>)	89
Document 5/16. —Statement received on 28th March 1952. By RUDOLF RICHTER (<i>Forschungs-Institut, Senckenberg, Frankfurt a. M., Germany</i>)	90
Document 5/17. —Diacritic Marks. Note by the Secretary to the International Commission on Zoological Nomenclature ¹	101
Document 5/18. —Letter dated 11th April 1952. By L. B. HOLTHUIS (<i>Rijksmuseum van Natuurlijke Historie, Leiden, The Netherlands</i>) ...	102
Document 5/19. —Emendation of names: Comments on matters discussed in Part 1/2 of Vol. 7 of the <i>Bulletin of Zoological Nomenclature</i> . By D. K. McE. KEVAN (<i>School of Agriculture, Zoology Section, University of Nottingham, Sutton Bonington, Loughborough, England</i>)	109
Document 5/20. —Statement dated 14th May 1952. By THEODOR HALTENORTH (<i>Museum, München, Germany</i>)	111

¹ See also Case No. 20.

	Page
Document 5/21. —Statement dated 16th May 1952. By LEO SHEL-JUZHKO (<i>Zoologische Sammlung des Bayerischen Staates, München, Germany</i>)	114
Document 5/22. —Extract from a letter dated 23rd May 1952. By W. J. ARKELL, M.A., D.Sc., F.R.S. (<i>Sedgwick Museum, Cambridge, University, Cambridge</i>)	115
Document 5/23. —Statement received on 27th May 1952. By J. R. DYMOND (<i>University of Toronto, Department of Zoology, Toronto, Canada</i>)	115
Document 5/24. —Statement received on 7th June 1952. By ERICH M. HERING (<i>Abteilungsleiter am Zoologischen Museum der Humboldt-Universität zu Berlin</i>)	116
Document 5/25. —Letter dated 14th June 1952. By HENNING LEMCHE (<i>Universitetets Zoologiske Museum, Copenhagen</i>)	117
Document 5/26. —Criticism of Mr. Francis Hemming's proposals for the emendation of zoological names. By K. H. L. KEY (<i>Commonwealth Scientific and Industrial Research Organisation, Division of Entomology, Canberra, Australia</i>)	119
Document 5/27. —Statement received on 24th June 1952. By JOSHUA L. BAILY, Jr. (<i>San Diego, California, U.S.A.</i>)	125
Document 5/28. —Statement of the views of the SCIENTIFIC STAFF OF THE ROYAL ONTARIO MUSEUM OF ZOOLOGY AND PALEONTOLOGY, TORONTO, CANADA	126
Document 5/29. —Statement of the views of the COMMITTEE ON NOMENCLATURE OF THE AMERICAN MUSEUM OF NATURAL HISTORY, NEW YORK	127
Document 5/30. —Statement submitted on behalf of the NOMENCLATURE DISCUSSION GROUP, WASHINGTON, D.C. with enclosures, from R. E. BLACKWELDER, <i>Secretary</i>	129
Annexe 1 : Revised proposal for errors and emendations in the Rules of Zoological Nomenclature	130
Annexe 2 : Paper entitled "A Revised proposal for errors and emendations in the Rules of Zoological Nomenclature" prepared in 1948 by a SUB-COMMITTEE OF THE SMITHSONIAN INSTITUTION COMMITTEE ON ZOOLOGICAL NOMENCLATURE ...	131

	Page
Document 5/31. —Enclosure to a letter dated 22nd July 1952. By E. RAYMOND HALL (<i>University of Kansas, Department of Zoology, Lawrence, Kansas, U.S.A.</i>)	135
Document 5/32. —Statement submitted on behalf of the NOMENCLATURE COMMITTEE OF THE SOCIETY OF SYSTEMATIC ZOOLOGY. Letter, dated 24th July 1952, with enclosures, from W. I. FOLLETT, <i>Chairman (California Academy of Sciences, San Francisco, California, U.S.A.)</i>	135
Appendix 1 : The emendation of zoological names. By CURTIS W. SABROSKY (<i>United States Department of Agriculture, Bureau of Entomology and Plant Quarantine, Washington, D.C., U.S.A.</i>) ...	136
Appendix 2 : Comments received by the Chairman from members of the NOMENCLATURE COMMITTEE OF THE SOCIETY OF SYSTEMATIC ZOOLOGY	141
Enclosure 1 : Comment by CHARLES D. MICHENER (<i>University of Kansas, Lawrence, Kansas, U.S.A.</i>)	141
Enclosure 2 : Comment by ROBERT R. MILLER (<i>Smithsonian Institution, United States National Museum, Washington, D.C., U.S.A.</i>)	141
Enclosure 3 : Comment by CURTIS SABROSKY (<i>United States Department of Agriculture, Bureau of Entomology and Plant Quarantine, Washington, D.C., U.S.A.</i>)	142
Enclosure 4 : Comment by HENRY TOWNES (<i>United States National Museum, Washington, D.C., U.S.A.</i>)	142
Enclosure 5 : Comment by JOHN W. WELLS (<i>Cornell University, Ithaca, N.Y., U.S.A.</i>)	142
Enclosure 6 : Comments by JOHN T. ZIMMER (<i>American Museum of National History, New York, U.S.A.</i>)	143
Appendix 3 : Discussion in connection with a Symposium on Zoological Nomenclature organised in July 1952 by the PACIFIC SECTION OF THE SOCIETY OF SYSTEMATIC ZOOLOGY ...	143
Enclosure 1 : Paper by W. I. FOLLETT submitted to the Symposium on Zoological Nomenclature held by the PACIFIC SECTION OF THE SOCIETY OF SYSTEMATIC ZOOLOGY on 20th June 1952	143
Enclosure 2 : Extract from the Minutes of the above-mentioned Symposium	148

XXVIII

	Page
Enclosure 3 : Letter dated 8th July 1952 from CURTIS W. SABROSKY to W. I. FOLLETT	151
Document 5/33.—Statement of the views of the AMERICAN COMMITTEE ON ENTOMOLOGICAL NOMENCLATURE	152
Note by the Secretary to the International Commission on Zoological Nomenclature	152
Continuation of statement furnished by the AMERICAN COMMITTEE ON ENTOMOLOGICAL NOMENCLATURE	154
Document 5/34.—Statement of the views of the ENTOMOLOGISCHE GESELLSCHAFT, BASEL	156
Document 5/35.—Comments on the plan suggested by Secretary Hemming to govern the emendation of zoological names. By J. CHESTER BRADLEY (<i>Cornell University, Ithaca, U.S.A.</i>)	157
Document 5/36.—Extract from a letter dated 20th August 1952. By W. E. CHINA, M.A., D.Sc. (<i>British Museum (Natural History), London</i>)	162
Document 5/37.—Enclosure to a letter dated 26th August 1952. By H. B. WHITTINGTON (<i>Department of Invertebrate Palaeontology, Museum of Comparative Zoology at Harvard College, Cambridge, Massachusetts, U.S.A.</i>)	163
Document 5/38.—Letter dated 22nd September 1952. By OTTO H. HAAS (<i>The American Museum of Natural History, New York</i>) ...	164
Document 5/39.—Letter dated 7th January 1953. By HENNING LEMCHE (<i>Universitetets Zoologiske Museum, Copenhagen</i>)	166

C A S E N o. 6

Documents relevant to the consideration of the status to be accorded to a trivial name, which when first published, was stated to be a substitute for a previously published name but was in addition applied to a particular species or to particular specimens in cases where the species concerned differs from that to which the earlier name is applicable

Document 6/1.—Origin of the present investigation. Note by the Secretary to the International Commission on Zoological Nomenclature	167
--------------------------------------------------------------------------------------------------------------------------------------------	-----

	Page
Document 6/2. —General consultation with specialists and issue of an appeal for advice in 1953. Note by the Secretary to the International Commission on Zoological Nomenclature...	168
Document 6/3. —Proposals relating to the specimen which should be accepted in certain circumstances as the type specimen of a species to which a substitute name is given. By W. J. ARKELL, M.A., D.Sc., F.R.S. (<i>Sedgwick Museum, Cambridge University, Cambridge</i>)...	169
Document 6/4. —Request for a Ruling on the interpretation to be given to the name <i>Ptinus Tectus</i> Boieldieu 1856, a name published partly for certain specimens and partly as a substitute name for a previously published name. By H. E. HINTON, Ph.D. (then of the <i>British Museum (Natural History), London</i> , now of <i>Bristol University</i>) ...	172
Document 6/5. —The application to be given to a trivial name which, when first published, was both applied to a particular species or to particular specimens and also stated to be a substitute name for some previously published trivial name or is clearly implied to be such a substitute. By R. CASEY (<i>Geological Museum and Survey, London</i>)	174
Document 6/6. —The application of a trivial name which, when first published, is applied to a particular species or specimen, but which is stated also to be a substitute name for some previously published name. By G. H. E. HOPKINS, O.B.E., M.A. (<i>British Museum (Natural History), Zoological Museum, Tring, Herts.</i>)	177
Document 6/7. —Reply to questionnaire, <i>Bull. zool. Nomencl.</i> 7 : 127—130. By LESLIE BAIRSTOW, M.A. (<i>British Museum (Natural History), Department of Geology, London</i>)	179
Document 6/8. —Substitute names. By G. KRUSEMAN (<i>Zoologisch Museum, Amsterdam, The Netherlands</i>)	180
Document 6/9. —Statement by TH. HALTENORTH (<i>Museum, München, Germany</i>)	181
Document 6/10. —Substitute names. By C. W. WRIGHT (<i>London</i>) ...	183

	Page
Document 6/11. —Statement received on 7th June 1952. By ERICH M. HERING (<i>Abteilungsleiter am Zoologischen Museum der Humboldt-Universität zu Berlin</i>)	185
Document 6/12. —Problem on substitute names. By CURTIS W. SABROSKY (<i>United States Department of Agriculture, Bureau of Entomology and Plant Quarantine, Washington, D.C., U.S.A.</i>) ...	186
Document 6/13. —Statement of the views of the COMMITTEE ON NOMENCLATURE OF THE AMERICAN MUSEUM OF NATURAL HISTORY, NEW YORK	187
Document 6/14. —Extract from a letter dated 20th July 1952. By HENNING LEMCHE (<i>Universitetets Zoologiske Museum, Copenhagen</i>)	188
Document 6/15. —Enclosure to a letter dated 22nd July 1952. By E. RAYMOND HALL (<i>University of Kansas, Department of Zoology, Lawrence, Kansas, U.S.A.</i>)	188
Document 6/16. —Statement of the views of certain members of the NOMENCLATURE COMMITTEE OF THE SOCIETY OF SYSTEMATIC ZOOLOGY in a letter dated 26th July 1952, with enclosures, from W. I. FOLLETT, <i>Chairman</i>	189
Annexe 1 : Comment by HENRY TOWNES (<i>North Carolina State College of Agriculture and Engineering of the University of North Carolina Raleigh, North Carolina, U.S.A.</i>)	189
Annexe 2 : Statement furnished by JOHN T. ZIMMER (<i>The American Museum of Natural History, New York</i>)	189
Document 6/17. —Statement received on 30th July 1952. By J. CHESTER BRADLEY (<i>Cornell University, Ithaca, N.Y., U.S.A.</i>)	190
Document 6/18. —Extract from a letter dated 4th September 1952. By K. H. L. KEY (<i>Commonwealth Scientific and Industrial Research Organisation, Division of Entomology, Canberra, Australia</i>) ...	194
Document 6/19. —Problems of nomenclatorial practice now under consideration by the International Commission: Secretary Francis Hemming's Fourth and Fifth problems ² . By ELLSWORTH C. DOUGHERTY (<i>Department of Zoology, University of California, Berkeley, California, U.S.A.</i>)	195

² These problems have since been renumbered and are now Cases Nos. 6 and 7 respectively.

CASE No. 7

On the question of the species to be accepted as the type species of
 a nominal genus, the name of which was first
 published in a generic synonymy³

	Page
Document 7/1.—Report by FRANCIS HEMMING, <i>Secretary to the International Commission on Zoological Nomenclature</i> ...	201

PART 2

PROBLEMS RELATING TO THE TEXT OF THE
 "REGLES", OTHER THAN THE SEVEN PROBLEMS
 ON WHICH THE THIRTEENTH INTERNATIONAL
 CONGRESS OF ZOOLOGY, PARIS, 1948, CALLED
 FOR SPECIAL REPORTS FOR SUBMISSION TO THE
 FOURTEENTH INTERNATIONAL CONGRESS OF
 ZOOLOGY AT COPENHAGEN IN 1953

CASE No. 8

Article 14 : formation of a generic name or a trivial name
 based upon the name of a modern personage, the
 first portion of which consists of
 the particle "M"

Document 8/1.—Letter dated 27th September 1950 from G. H. E. HOPKINS, O.B.E., M.A. (<i>British Museum (Natural History), Zoological Museum, Tring, Herts., England</i>) ...	206
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------

³ See also in this connection Case No. 33.

XXXII

	Page
Document 8/2. —Correspondence by FRANCIS HEMMING, <i>Secretary to the International Commission on Zoological Nomenclature</i> with G. H. E. HOPKINS and PIERRE BONNET	207
Letter dated 3rd October 1950 to G. H. E. HOPKINS (<i>British Museum (Natural History), Zoological Museum, Tring, Herts., England</i>)	207
Letter dated 31st October 1950 to PIERRE BONNET (<i>Université de Toulouse, Toulouse, France</i>)	207
Document 8/3. —Letter dated 8th November 1950 from PIERRE BONNET (<i>Université de Toulouse, Toulouse, France</i>)	208
Document 8/4. —Supplementary Proposal to apply to generic names, for the purposes of the Law of Homonymy, the proposals submitted by Professor Pierre Bonnet in respect of trivial names. By FRANCIS HEMMING, <i>Secretary to the International Commission on Zoological Nomenclature</i>	208

C A S E No. 9

Articles 8 and 14 : choice of connective vowels in the formation of names consisting of compound words

Document 9/1. —Proposition d'une réglementation pour la formation des termes scientifiques composés de deux mots (choix de la voyelle de liaison). By PIERRE BONNET (<i>Université de Toulouse, Toulouse, France</i>)	209
Document 9/2. —Comment on Professor Pierre Bonnet's proposals by FRANCIS HEMMING, <i>Secretary to the International Commission on Zoological Nomenclature</i>	210

XXXIII

C A S E No. 10

Article 14, Paragraph (3), Section (C) : method to be followed when forming a trivial name based upon the surname of a Russian woman on the transliteration of that name from the Cyrillic alphabet to the Latin alphabet

	Page
Document 10/1. —Extract from a letter dated 18th September 1946 from ELLSWORTH C. DOUGHERTY (<i>University of California, Berkeley, California, U.S.A.</i>)	211
Document 10/2. —Extract from Proposition 5 submitted to the International Commission on Zoological Nomenclature at Paris in 1948 by PIERRE BONNET (<i>Université de Toulouse, Toulouse, France</i>) ...	212

C A S E No. 11

Article 14 : problem arising in connection with trivial names based upon modern patronymics in cases where those patronymics are in a Latinised form

Document 11/1. —Note by FRANCIS HEMMING, <i>Secretary to the International Commission on Zoological Nomenclature</i>	213
-------------------------------------------------------------------------------------------------------------------------------------	-----

C A S E No. 12

Article 14 : question of the formation of a trivial name based upon a modern patronymic in cases where that patronymic consists of more than two words of which the first is the definite article

Document 12/1. —Note by FRANCIS HEMMING, <i>Secretary to the International Commission on Zoological Nomenclature</i>	214
Document 12/2. —Statement furnished by the NOMENCLATURE COMMITTEE OF THE AMERICAN SOCIETY OF ICHTHYOLOGISTS AND HERPETOLOGISTS.	215

XXXIV

C A S E No. 13

Article 14 : procedure to be followed when forming a trivial name
based either (1) upon the name of a modern personage where
that name is preceded by a Nobiliar particle or
(2) upon the name of a Christian Saint

	Page
Document 13/1.—Note by FRANCIS HEMMING, <i>Secretary to the International Commission on Zoological Nomenclature</i>	218
Document 13/2.—Proposal 5 of Prof. Bonnet (proposal to modify paragraph (c) of Article 14) giving more detailed rules on the way to form trivial names dedicated to one or more persons. By LODOVICO DI CAPORIACCO (<i>University of Parma, Italy</i>)	219
Document 13/3.—Comment on Point (5) in Professor Pierre Bonnet's Proposition 5. By ANGEL CABRERA (<i>Eva Peron, F.C.N.G.R., Argentina</i>)	220

C A S E No. 14

Article 14 : proposed regularisation of the status of trivial names based on modern patronymics, when formed as adjectives

Document 14/1.—Note by FRANCIS HEMMING, <i>Secretary to the International Commission on Zoological Nomenclature</i>	221
-----------------------------------------------------------------------------------------------------------------------------	-----

C A S E No. 15

Article 14 : question whether it is desirable that trivial names based upon modern patronymics in the genitive singular and incorrectly formed with a terminal double “-ii” should be subject to automatic correction

Document 15/1.—Note by FRANCIS HEMMING, <i>Secretary to the International Commission on Zoological Nomenclature</i>	222
-----------------------------------------------------------------------------------------------------------------------------	-----

Document 15/2. —Steelungnahme zu den Vorschlagen von Dr. C. J. Stubblefield (Z.N.(S.) 409) in <i>Bull. zool. Nomencl.</i> 6(5) : 150, London, 15th April 1952. By RUDOLF RICHTER (<i>Senckenbergische Naturforschende Gesellschaft, Senckenberg-Anlage, Frankfurt a. M., Germany</i>)	224
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----

CASE No. 16

Article 14 (or associated article) : question of the gender attributable to generic names consisting of compound words of Greek or Latin origin

Document 16/1. —Note by FRANCIS HEMMING, <i>Secretary to the International Commission on Zoological Nomenclature</i>	226
-------------------------------------------------------------------------------------------------------------------------------------	-----

Document 16/2. —Letter dated 1st December 1949. From REEVE M. BAILEY (<i>University of Michigan, Ann Arbor, Michigan, U.S.A.</i>) ...	228
------------------------------------------------------------------------------------------------------------------------------------------------	-----

Document 16/3. —Gender of generic names which are compound words of Greek or Latin origin. By L. W. GRENSTED, D.D. (<i>Oriel College, Oxford</i>)	229
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----

CASE No. 17

Article 15 : proposed amplification of the provisions relating to the formation of trivial names consisting of compound words

Document 17/1. —Proposition 8. By PIERRE BONNET (<i>Université de Toulouse, Toulouse, France</i>)	231
----------------------------------------------------------------------------------------------------------------------------	-----

Document 17/2. —Proposal No. 8 of Prof. Bonnet (proposal to add Articles 15bis, 15ter and 15quater specifying the manner of forming compound trivial names). By LODOVICO DI CAPORIACCO (<i>University of Parma, Italy</i>)	234
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----

XXXVI

CASE No. 18

Article 16 : proposed addition of a "Recommandation" relating to the formation of trivial names based upon geographical terms and having the termination "-ensis"

	Page
Document 18/1. —Proposition 15 submitted to the International Commission on Zoological Nomenclature at Paris in 1948. By PIERRE BONNET (<i>Université de Toulouse, Toulouse, France</i>)	235
Document 18/2. —Proposal No. 15 of Prof. Bonnet. By LODOVICO DI CAPORIACCO (<i>University of Parma, Italy</i>)	236

CASE No. 19

Article 16 : proposed amplification of provisions relating to the formation of trivial names based upon geographical terms

Document 19/1. —Proposal submitted by PIERRE BONNET (<i>Université de Toulouse, Toulouse, France</i>)	237
--------------------------------------------------------------------------------------------------------------------------------	-----

CASE No. 20

Article 20 : proposed deletion from, of reference to diacritic marks⁴

Document 20/1. —Note by FRANCIS HEMMING, <i>Secretary to the International Commission on Zoological Nomenclature</i>	241
Document 20/2. —Statement furnished by the JOINT COMMITTEE ON ZOOLOGICAL NOMENCLATURE FOR PALEONTOLOGY IN AMERICA	243
Document 20/3. —Wiedergabe des skandinavischen ä durch das Klassische Latein-Alphabet. By GERHARD REGNELL (<i>Paläontologisches Institut de Universität, Lund, Sweden</i>)	244

⁴ See also Case No. 5, especially Document D.5/17.

	Page
Document 20/4. —Diacritic Marks. By J. CHESTER BRADLEY (<i>Cornell University, Ithaca, N.Y., U.S.A.</i>)	247
Document 20/5. —Letter dated 6th September 1952. From HENNING LEMCHE (<i>Universitetets Zoologiske Museum, Copenhagen</i>)	251

C A S E No. 21

**Article 20 : proposed amendment of concluding
portion of " Recommandation "**

Document 21/1. —Modification au dernier paragraphe de la <i>Recommandation</i> de l'Article 20 (Proposition 16). By PIERRE BONNET (<i>Université de Toulouse, Toulouse, France</i>)	252
Document 21/2. —Proposal No. 16 of Prof. Bonnet, suggesting a modification to the last paragraph of the <i>Recommendation</i> to Article 20. By LODOVICO DI CAPRIACCO (<i>University of Parma, Italy</i>) ...	253

C A S E No. 22

**Article 20 : proposed addition of a " Recommandation "
deprecating the use of diphthongs in the printing
of scientific names**

Document 22/1. —Letter dated 24th January 1945. From E. B. FORD, M.A., D.Sc. (<i>Oxford University, Department of Zoology and Comparative Anatomy, Oxford</i>)	254
Document 22/2. —Extract from a letter dated 22nd January 1945 to E. B. Ford. From FRANCIS HEMMING, <i>Secretary to the International Commission on Zoological Nomenclature</i>	254
Document 22/3. —Letter dated 23rd April 1951. From ELLSWORTH C. DOUGHERTY (<i>University of California, Berkeley, California, U.S.A.</i>)	254

XXXVIII

CASE No. 23

Article 21 : proposed clarification of a decision taken in 1948
regarding the circumstances in which a new name is to be
attributed to an author other than that by whom the book
or paper in which the new name was published is
written

	Page
Document 23/1.—Article 21 : problems in citation of authorship. By <i>ELLSWORTH C. DOUGHERTY (University of California, Berkeley, California, U.S.A.)</i>	255
Document 23/2.—Note by FRANCIS HEMMING, <i>Secretary to the International Commission on Zoological Nomenclature</i>	256

CASE No. 24

Article 22 : proposed drafting amendment of,
in the interests of consistency

Document 24/1.—Proposal submitted by FRANCIS HEMMING, <i>Secretary to the International Commission on Zoological Nomenclature</i> ...	259
------------------------------------------------------------------------------------------------------------------------------------------	-----

CASE No. 25

Article 23 : authorship of a combination

Document 25/1.—Authorship of a combination. By ELLSWORTH C. DOUGHERTY (<i>University of California, Berkeley, California, U.S.A.</i>)	261
------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----

CASE No. 26

Article 23 : proposed establishment of a method of citation in
cases where a species is doubtfully referred to a
given genus and where one species is
doubtfully identified with another

Document 26/1.—Letter dated 20th March 1944 from LLOYD G. <i>HENBEST (United States Geological Survey, Washington, D.C., U.S.A.)</i>	265
-----------------------------------------------------------------------------------------------------------------------------------------	-----

CASE No. 27

Article 25 : proposed insertion of a provision that the distribution of a microfilm does not constitute " publication " of the paper reproduced in this manner and therefore that nothing contained in such a paper possesses any status in zoological nomenclature

	Page
Document 27/1. —Adoption of a <i>Declaration</i> by the International Commission on Zoological Nomenclature. Report by FRANCIS HEMMING, <i>Secretary to the Commission</i>	270
Document 27/2. —Extract from a letter dated 19th July 1952 from J. CHESTER BRADLEY (<i>Cornell University, Ithaca, N.Y., U.S.A.</i>)...	275

CASE No. 28

Article 25 : proposed co-ordination with other parts of the " Règles " of the provision in, relating to the nomenclatorial status of books and papers, the manner of the issue of which does not satisfy the tests prescribed for " publication "

Document 28/1. —Note by FRANCIS HEMMING, <i>Secretary to the International Commission on Zoological Nomenclature</i>	276
Document 28/2. —Extract from a statement furnished by J. CHESTER BRADLEY (<i>Cornell University, Ithaca, N.Y., U.S.A.</i>)... ...	277

CASE No. 29

Article 25, Provisos (a) and (c) : proposed redrafting in order to make it clear that, in order for a name to become available, it must be published with diagnostic characters

Document 29/1. —Proposal submitted by the COMMITTEE ON NOMENCLATURE OF THE CHICAGO NATURAL HISTORY MUSEUM	278
----------------------------------------------------------------------------------------------------------------------------------	-----

XL

	Page
Document 29/2. —On the difficulties encountered in prescribing a minimum standard for an “ indication ” for the purposes of Proviso (a) to Article 25. By FRANCIS HEMMING, <i>Secretary to the International Commission on Zoological Nomenclature</i>	279
Annexe 1 : View expressed by J. CHESTER BRADLEY (<i>Cornell University, Ithaca, N.Y., U.S.A.</i>)	285
Annexe 2 : Proposal submitted by the COMMITTEE ON NOMENCLATURE OF THE AMERICAN MUSEUM OF NATURAL HISTORY, NEW YORK	286
Annexe 3 : Supplementary statement furnished by ERNST MAYR (<i>American Museum of Natural History, New York</i>)	288
Annexe 4 : View expressed by LODOVICO DI CAPORIACCO (<i>University of Parma, Italy</i>)	288

C A S E No. 30

Article 25, Provisos (a) and (c) proposed insertion of a provision denying availability in the case of the trivial name of any Fossil species unless at the time of the publication of that name there was published also a figure of the species in question

Document 30/1. —Proposal submitted by C. J. STUBBLEFIELD, D.Sc., F.R.S. (<i>Geological Survey and Museum, London</i>), L. R. COX, Sc.D., F.R.S. (<i>British Museum (Natural History), London</i>), and R. V. MELVILLE, M.A. (<i>Geological Survey and Museum, London</i>)	290
Document 30/2. —Articles 25 and 30: proposed addition of <i>Recommendations</i> designed to promote the publication of figures whenever names are given to species or taxonomic units of lower rank and to ensure that, so far as possible, the species designated, indicated, or selected as the type species of genera shall be species for which figures have been published. By FRANCIS HEMMING, <i>Secretary to the International Commission on Zoological Nomenclature</i>	292

CASE No. 31

Article 25 : question whether a name given to a nominal genus,
 the type specimen of the type species of which is a
 pathological monstrosity should be
 given any status of
 availability

	Page
Document 31/1. —Proposal submitted by W. J. ARKELL, M.A., D.Sc., <i>F.R.S. (Sedgwick Museum, Cambridge University, Cambridge)</i> ...	295
Document 31/2. —Note by FRANCIS HEMMING, <i>Secretary to the International Commission on Zoological Nomenclature</i>	296

CASE No. 32

Article 25 : proposed insertion of a provision that a name published
 by an author who made it clear that his object in so doing
 was some purpose other than that of providing
 a name for use in zoological nomenclature
 possesses no status
 of availability

Document 32/1. —Proposal submitted by FRANCIS HEMMING, <i>Secretary to the International Commission on Zoological Nomenclature</i>	297
----------------------------------------------------------------------------------------------------------------------------------------------	-----

CASE No. 33

Article 25 : question of the status to be accorded to generic names
 and trivial names published as "nomina nuda" in synonymies⁵

Document 33/1. —The general problem relating to the status to be accorded to zoological names published as <i>nomina nuda</i> in synonymies. By FRANCIS HEMMING, <i>Secretary to the International Commission on Zoological Nomenclature</i>	299
Document 33/2. —Letter dated 16th November 1950 from J. E. COLLIN <i>(Newmarket, England)</i>	306

* See also Case No. 7.

	Page
Document 33/3. —Letter dated 16th December 1950 from P. S. SYLVESTER-BRADLEY, B.Sc. (<i>University of Sheffield, England</i>)	309
Document 33/4. —Letter dated 16th December 1950 from W. J. ARKELL M.A., D.Sc., F.R.S. (<i>Sedgwick Museum, Cambridge University, Cambridge</i>)	310
Document 33/5. —Letter dated 30th January 1951 from JOHN T. ZIMMER (<i>American Museum of Natural History, New York</i>) ...	311
Document 33/6. —Letter dated 5th February 1951 from GEORGE S. MYERS (<i>Natural History Museum, Stanford University, Stanford, California, U.S.A.</i>)	312
Document 33/7. —Letter dated 13th February 1951 from ROUSSEAU H. FLOWER (<i>University of the State of New York, New York State Science Service, New York State Museum, Albany, N.Y., U.S.A.</i>) ...	313
Document 33/8. —The Status of <i>nomina nuda</i> listed in synonymy. By ERNST MAYR (<i>American Museum of Natural History, New York</i>)	315
Document 33/9. —Extracts from letters dated 23rd February 1951 and 30th July 1951 from HAROLD E. VOKES (<i>The Johns Hopkins University, Baltimore, Maryland, U.S.A.</i>)	323
Document 33/10. —Letters dated 28th February 1951 and 9th April 1952 from CHARLES H. BLAKE (<i>Massachusetts Institute of Technology, Department of Biology, Cambridge, Massachusetts, U.S.A.</i>) ...	326
Document 33/11. —Letter dated 14th March 1951 from BROOKS F. ELLIS (<i>Department of Micropaleontology, The American Museum of Natural History, New York</i>)	328
Document 33/12. —Letter dated 29th March 1951 from J. MARVIN WELLER (<i>University of Chicago, Department of Geology, Chicago, Illinois, U.S.A.</i>)	330
Document 33/13. —Views of workers at the BRITISH MUSEUM (NATURAL HISTORY), LONDON	331
Annexe 1 : Note by G. J. KERRICK	332

	Page
Annexe 2 : Note by G. E. J. NIXON	332
Annexe 3 : Note by R. B. BENSON	332
Annexe 4 : Note by LESLIE BAIRSTOW	333
Document 33/14. —Comment upon a point raised by Professor Harold E. Vokes in a letter dated 23rd February 1951 (see Document 33/9). By ERNST MAYR (<i>American Museum of Natural History, New York</i>)	334
Document 33/15. —Generic Names published in Synonymies. By JOHN BALFOUR-BROWNE, M.A. (<i>British Museum (Natural History), London</i>)	335
Document 33/16. —Generic Names published in Synonymies. By G. H. E. HOPKINS, O.B.E., M.A. (<i>British Museum (Natural History), The Zoological Museum, Tring, Herts., England</i>)	336
Document 33/17. —Statement dated 14th May 1952 furnished by TH. HALTENORTH (<i>Museum, München, Germany</i>)	337
Document 33/18. —Proposal submitted by the COMMITTEE ON NOMENCLATURE OF THE CHICAGO NATURAL HISTORY MUSEUM	338
Document 33/19. —Statement furnished by J. R. DYMOND (<i>University of Toronto, Department of Zoology, Toronto, Canada</i>)	339
Document 33/20. —Stellungnahme zu den Vorschlägen über den nomenklatorischen Status von Namen, die in Synonymien-Listen veröffentlicht wurden. By ERICH M. HERING (<i>Abteilungsleiter am Zoologischen Museum der Humboldt-Universität zu Berlin</i>)	339
Annexe : Views of Members of the Scientific Staff of the ZOOLOGISCHE SAMMLUNG DES BAYERISCHEN STAATES, MUNCHEN	340
Document 33/21. —Statement furnished by JOSHUA L. BAILY, Jr. (<i>San Diego, California, U.S.A.</i>)	340
Document 33/22. —Statement of the views of the Scientific Staff of the ROYAL ONTARIO MUSEUM OF ZOOLOGY AND PALAEONTOLOGY, TORONTO, CANADA	341
Document 33/23. —Enclosure to a letter dated 1st July 1952 from A. MYRA KEEN and SIEMON W. MULLER (<i>Stanford University, Stanford, California, U.S.A.</i>)	342

	Page
Document 33/24. —Statement furnished by the COMMITTEE ON NOMENCLATURE OF THE AMERICAN MUSEUM OF NATURAL HISTORY, NEW YORK	343
Document 33/25. —Letter dated 18th July 1952 from C. W. WRIGHT (<i>London</i>)	344
Document 33/26. —Names published in <i>Synonymy</i> . By J. CHESTER BRADLEY (<i>Cornell University, Ithaca, N.Y., U.S.A.</i>)	345
Document 33/27. —Letter dated 20th July 1952 from HENNING LEMCHE (<i>Universitetets Zoologiske Museum, Copenhagen</i>)	347
Document 33/28. —Enclosure to a letter dated 22nd July 1952, from E. RAYMOND HALL (<i>University of Kansas, Department of Zoology, Lawrence, Kansas, U.S.A.</i>)	347
Document 33/29. —Views of certain Members of the NOMENCLATURE COMMITTEE OF THE SOCIETY OF SYSTEMATIC ZOOLOGY furnished by W. I. FOLLETT (<i>California Academy of Sciences, San Francisco, California, U.S.A.</i>)	348
Annexe 1 : Note by HENRY TOWNES (<i>North Carolina State College of Agriculture and Engineering of the University of North Carolina, Raleigh, North Carolina, U.S.A.</i>)	348
Annexe 2 : Views of ROBERT L. USINGER (<i>University of California, Berkeley, California, U.S.A.</i>)	349
Annexe 3 : Views of JOHN T. ZIMMER (<i>American Museum of Natural History, New York</i>)	349
Document 33/30. —Generic names first published in synonymy. Statement of the views of certain members and former members of the COMMITTEE ON ZOOLOGICAL NOMENCLATURE OF THE AMERICAN SOCIETY OF ICHTHYOLOGISTS AND HERPETOLOGISTS. Letter, dated 26th July 1952, with enclosures, from W. I. FOLLETT, <i>Chairman</i>	350
Enclosure 1 : Extract from a letter, dated 13th April 1952, from CHARLES M. BOGERT (<i>The American Museum of Natural History, New York</i>)	350

	Page
Enclosure 2 : Extract from a letter, dated 8th May 1952, from ARNOLD B. GROBMAN (<i>University of Florida, Gainesville, Florida, U.S.A.</i>)	350
Enclosure 3 : Extract from a letter dated 23rd April 1952, from ROBERT RUSH MILLER (<i>University of Michigan, Ann Arbor, Michigan, U.S.A.</i>) —	351
Enclosure 4 : Extract from a letter, dated 16th April 1951, from HOBART M. SMITH (<i>University of Illinois, Department of Zoology, Urbana, Illinois, U.S.A.</i>)	351
Document 33/31. —Generic names published in synonymy. Extract from a letter dated 20th August 1952, from W. E. CHINA, M.A., D.Sc. (<i>British Museum (Natural History), Department of Entomology, London</i>)	353
Document 33/32. —Extract from a letter dated 4th September 1952 by K. J. L. KEY (<i>Commonwealth Scientific and Industrial Research Organisation, Division of Entomology, Canberra, Australia</i>) ...	353
Document 33/33. —Note by ELLSWORTH C. DOUGHERTY, Ph.D., M.D. (<i>Department of Zoology, University of California, Berkeley, California, U.S.A.</i>)	354

CASE No. 34

Article 25 : proposed insertion of a provision that a trivial name consisting of spelled-out letters or numerals shall not be accepted as available when those letters or numerals were originally employed as ordinals for the enumeration of the species, subspecies or infra-subspecific names concerned

Document 34/1. —Report on G. H. E. HOPKINS' proposal relating to trivial names consisting of spelled-out letters and numerals. By FRANCIS HEMMING, C.M.G., C.B.E., <i>Secretary to the International Commission on Zoological Nomenclature</i>	355
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----

CASE No. 35

Article 25 : proposed insertion of a provision denying the status of availability to a trivial name inadvertently published as the result of the misreading of a previous publication or of a museum label or the like

	Page
Document 35/1.—Letter dated 11th June 1951 by JAMES L. PETERS (Museum of Comparative Zoology at Harvard College, Cambridge, Massachusetts, U.S.A.)	357
Document 35/2.—Proposed denial of availability for trivial names inadvertently published through the misreading of a word written on a label or used in a book. By FRANCIS HEMMING, C.B.E., C.M.G., Secretary to the International Commission on Zoological Nomenclature	358

CASE No. 36

Article 25 : proposed insertion of a provision that certain classes of generic names published for fossil species and bearing the termination “-ites”, “-ytes”, or “-ithes” possess no status in zoological nomenclature

Document 36/1.—Proposals for the co-ordination of proposals submitted by L. R. COX for the rejection of certain classes of generic names published for fossil species and bearing the termination “-ites”, “-ytes” or “-ithes” with a proposal submitted by J. WANNER for the automatic emendation from “-crinites” to “-crinus” of the terminations of generic names published for species of pelmatozoa. By FRANCIS HEMMING, C.M.G., C.B.E., Secretary to the International Commission on Zoological Nomenclature	360
(1) L. R. COX's general proposal relating to generic names having the terminations “-ites”, “-ytes” and “-ithes”	361
(2) J. WANNER's proposal relating to the emendation to “crinus” of the termination “-crinites” in the case of generic names published for species of Pelmatozoa	361
(3) A combined proposal: proposals relating to names published for genera of fossils with the termination “-ites”	362

	Page
Document 36/2. —Request for the suppression of certain generic names with the terminations “-ites”, “-ytes” and “-ithes” published by early authors for fossil genera. Enclosure to a letter dated 14th March 1949. By L. R. COX, M.A., Sc.D., F.R.S. (<i>British Museum (Natural History) London</i>)	363
Document 36/3. —“-crinites” or “-crinus”? Communication by HENNING LEMCHE under cover of a letter dated 3rd January 1950. By J. WANNER (<i>Scheidegg/Algäu, Bavaria, Germany</i>)	367
Document 36/4. —Note dated 2nd January 1950 by TH. MORTENSEN (<i>Universitetets Zoologiske Museum, Copenhagen</i>)...	372
Document 36/5. —Comment by TORSTEN GISLEN (<i>Lunds Universitets Zoologiska Institution, Lund, Sweden</i>)	372
Document 36/6. —Extract from a letter dated 2nd June 1950 by RAYMOND C. MOORE (<i>University of Kansas, Lawrence, Kansas, U.S.A.</i>)	373

CASE No. 37

Article 25, proviso (a) : proposed insertion of words to make it clear that a trivial name having as its indication only a qualified reference to a previously published trivial name does not satisfy the requirements of the foregoing proviso

Document 37/1. —Report on the adoption by the International Commission on Zoological Nomenclature on the adoption of a <i>Declaration</i> on the question of the availability of a trivial name having as its indication only a qualified reference to a previously published trivial name by FRANCIS HEMMING, C.M.G., C.B.E., <i>Secretary to the International Commission on Zoological Nomenclature</i>	374
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----

CASE No. 38

Article 28 : proposed restoration, in whole or in part, of the First Reviser principle

Document 38/1. —Introductory Note by FRANCIS HEMMING, C.M.G., C.B.E., <i>Secretary to the International Commission on Zoological Nomenclature</i>	376
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----

XLVIII

	Page
Document 38/2. —Extract from a letter dated 15th May 1952, from the COMMITTEE ON NOMENCLATURE OF THE CHICAGO NATURAL HISTORY MUSEUM	379
Document 38/3. —Letter dated 16th July 1952, from R. E. BLACK-WLDER, <i>Secretary</i> . By THE NOMENCLATURE DISCUSSION GROUP, WASHINGTON, D.C.	380
Annexe : Proposed amendment to restore the rule of the First Reviser	380
Document 38/4. —Statement received on 18th July 1952. By RUDOLF RICHTER (<i>Natur-Museum und Forschungs-Institut, Senckenberg, Frankfurt a. M., Germany</i>)...	381
Document 38/5. —Letter dated 24th July, 1952 by HEMMING LEMCHE (<i>Universitetets Zoologiske Museum, Copenhagen</i>)...	384
Document 38/6. —Statement of the views of the NOMENCLATURE COMMITTEE OF THE SOCIETY OF SYSTEMATIC ZOOLOGY. Letter, dated 27th July, 1952 from W. I. FOLLETT, <i>Chairman</i> ...	384
Appendix 1 : Memorandum and call for opinion issued to members of above-mentioned committee	385
Appendix 2 : Comments by members of the NOMENCLATURE COMMITTEE OF THE SOCIETY OF SYSTEMATIC ZOOLOGY on the questions raised in the Memorandum of 4th July 1952 (reproduced in Appendix 1)	387
Enclosure 1 : Letter dated 8th July 1952, from L. M. KLAUBER (<i>San Diego, California, U.S.A.</i>)	387
Enclosure 2 : Extract from a letter, dated 15th July 1952, from ROBERT R. MILLER (<i>University of Michigan, Ann Arbor, Michigan, U.S.A.</i>)	387
Enclosure 3 : Extract from a letter, dated 8th July 1952, from CURTIS W. SABROSKY (<i>United States Department of Agriculture, Bureau of Entomology and Plant Quarantine, Washington, D.C., U.S.A.</i>)	387
Enclosure 4 : Extract from a letter, dated 9th July 1952, from JOHN W. WELLS (<i>College of Arts and Sciences, Cornell University, Ithaca, N.Y., U.S.A.</i>)	388

	Page
Appendix 3 : Statement regarding a vote on The Rule of the First Reviser versus Page Precedence taken among the members of the SOCIETY OF SYSTEMATIC ZOOLOGY prepared by CHARLES D. MICHENER, when Chairman of the SOCIETY'S NOMEN- CLATURE COMMITTEE	388

C A S E No. 39

Article 30 : proposed insertion of a provision clarifying the question of the nominal species to be regarded as eligible for selection as the type species of a genus established without cited nominal species, in cases where a subsequent author, without citing such a species, gives a bibliographical reference to a work in which such a species is cited

Document 39/1.—Report on the adoption of a Declaration clarifying the position regarding the species to be regarded as eligible for selection as the type species of a nominal genus established with no cited nominal species. By FRANCIS HEMMING, C.M.G., C.B.E., *Secretary to the International Commission on Zoological Nomenclature*

392

C A S E No. 40

Article 30 : proposed amendment of the provisions relating to the procedure to be followed in dealing with nominal genera based, or alleged to have been based, upon misidentified type species

Document 40/1.—Proposal for an emendation to the action in regard to genera based upon misidentified type species taken at Paris and recorded on page 158 of volume 4 of the *Bulletin of Zoological Nomenclature* by J. CHESTER BRADLEY (*Cornell University, Ithaca, N.Y., U.S.A.*)

394

Document 40/2.—Note by FRANCIS HEMMING, C.M.G., C.B.E., *Secretary to the International Commission on Zoological Nomenclature*

396

L

C A S E No. 41

Article 30 : proposed clarification of rule (c)

	Page
Document 41/1.—Request by ELLSWORTH C. DOUGHERTY for the clarification in two respects of the rules in Article 30. By FRANCIS HEMMING, C.M.G., C.B.E., <i>Secretary to the International Commission on Zoological Nomenclature</i>	397

C A S E No. 42

Article 30, rule (f) (rule relating to the type species of a nominal genus, the name of which is published to replace an earlier name) : proposed introduction of words to make it clear that this rule applies only where a name is expressly published as a substitute for another name

Document 41/1.—Report on the adoption of a <i>Declaration</i> making it clear that rule (f) in Article 30 applies only to cases where one generic name is expressly published as a substitute for another. By FRANCIS HEMMING, C.M.G., C.B.E., <i>Secretary to the International Commission on Zoological Nomenclature</i>	400
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----

C A S E No. 43

Article 30, rule (f) : proposed clarification of the position as regards the nominal species eligible to be the type species of two nominal genera, of which the name of one was published as a substitute for the other

Document 43/1.—Suggested emendation of Article 30, rule (f) (rule relating to the type species of two nominal, of which one name is published as a substitute for an earlier name) (enclosure to a letter dated 5th July 1951) by ELLSWORTH C. DOUGHERTY, Ph.D., M.D. (<i>Department of Zoology, University of California, Berkeley, California, U.S.A.</i>) ...	402
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----

Document 43/2.—Support for ELLSWORTH C. DOUGHERTY'S proposal for the clarifying of the position as to the nominal species eligible to be the type species of nominal genera under rule (f) in Article 30, together with a supplementary proposal in regard thereto. By FRANCIS HEMMING, C.M.G., C.B.E., *Secretary to the International Commission on Zoological Nomenclature*

404

C A S E No. 44

Article 30, rule (g) : proposed insertion of words to make it clear that the selection of a given structure exhibited by a specimen referred to a specified nominal species as typical of a given nominal genus does not constitute the selection of that species as the type species of that genus

Document 44/1.—Proposed clarification of an obscurity in rule (g) in Article 30. By FRANCIS HEMMING, C.M.G., C.B.E., *Secretary to the International Commission on Zoological Nomenclature*

406

C A S E No. 45

Article 30 : proposed repeal of the portion of rule (g) arising from the interpretation in "Opinion" 6

Document 45/1.—Extract from a letter, dated 21st November 1950, from WILLIAM GOSLINE (*University of Hawaii, Honolulu, Hawaii*) ...

409

Document 45/2.—Proposal by J. CHESTER BRADLEY (*Cornell University, Ithaca, N.Y., U.S.A.*)

410

C A S E No. 46

Article 31 : proposed amendment of provisions relating to nominal species subjectively regarded by taxonomists as composite species

Document 46/1.—Article 31, as amended in 1948. Proposal received on 26th July 1952. By J. CHESTER BRADLEY (*Cornell University, Ithaca, N.Y., U.S.A.*)

411

C A S E No. 47

Article 31 : proposed refinement of provisions
relating to lectotypes

	Page
Document 47/1. —Lectotypes : a paragraph in the <i>Règles</i> that needs some qualification. Proposal received on 26th July 1952. By J. CHESTER BRADLEY (<i>Cornell University, Ithaca, N.Y., U.S.A.</i>)	415
Document 47/2. —Extract from a letter dated 16th June 1952 from RICHARD MEINERTZHAGEN, D.S.O. (<i>London</i>)	417

C A S E No. 48

Article 31 : suggested drafting amendments

Document 48/1. —Proposed amendment of Article 31 by J. CHESTER BRADLEY (<i>Cornell University, Ithaca, N.Y., U.S.A.</i>)	418
Annexe : Suggested amendments to the new Article or part of Article 31 agreed upon at Paris and recorded on pages 186—188 of Volume 4 of the <i>Bulletin of Zoological Nomenclature</i>	420

C A S E No. 49

Article 32 : proposed insertion of a provision for the rejection of a name on the ground of inappropriateness in certain circumstances

Document 49/1. —Letter dated 14th July 1951 by G. H. E. HOPKINS, O.B.E., M.A. (<i>British Museum (Natural History), The Zoological Museum, Tring, Herts., England</i>)...	421
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----

CASE No. 50

**Articles 34 and 35 : proposed addition of the consonantal "i"
and the consonantal "j" and "yi" as forming a group of
identical letters for the purposes of the Law of Homonymy**

	Page
Document 50/1.—Proposal of homonymy with the consonantal "i" at the consonantal letters "j" and "yi". Enclosure to a letter dated 16th March 1949 from HOBART M. SMITH (<i>University of Illinois, Department of Zoology, Urbana, Illinois, U.S.A.</i>)	422

CASE No. 51

**Articles 34 and 35 : question whether two names consisting of words
differing from one another in spelling only by the presence in the one
case and by the absence in the other, of a diacritic mark over
(or under) one of the letters of the word of which the names
are composed are to be treated as homonyms of one another**

Document 51/1.—Dr. HELEN MUIR-WOOD's request for a clarification of the provisions in Article 20 relating to the use of diacritic marks in relation to the Law of Homonymy. By FRANCIS HEMMING, C.M.G., C.B.E., <i>Secretary to the International Commission on Zoological Nomenclature</i>	423
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------

CASE No. 52

**Articles 34 and 35 : proposed clarification of certain aspects of, in
relation to names differing from one another only through
the presence or absence of diacritic marks**

Document 52/1.—Proposal by FRANCIS HEMMING, C.M.G., C.B.E., <i>Secretary to the International Commission on Zoological Nomenclature</i> ...	425
--------------------------------------------------------------------------------------------------------------------------------------------------------	------------

CASE No. 53

Articles 34 and 35 : proposal that differences in spelling arising solely from differences in the manner in which the work forming the name has been transliterated into the Latin alphabet from some other alphabet should be ignored for the purposes of the Law of Homonymy

Document 53/1.—Dr. HELEN MUIR-WOOD's proposal in regard to the treatment to be accorded under the Law of Homonymy to names differing from one another in spelling only by reason of the adoption of different methods for transliterating a word from the Cyrillic, or some other alphabet into the Latin alphabet. By FRANCIS HEMMING, C.M.G., C.B.E., <i>Secretary to the International Commission on Zoological Nomenclature</i>	Page
... 	427

CASE No. 55

Article 35 : proposed insertion of a provision that for the purposes of establishing a condition of secondary homonymy between two specific names it is not necessary that an author should expressly cite the names in homonymous combinations before rejecting and replacing the later published of the two trivial names involved

Document 55/1.—Report on the adoption of a <i>Declaration</i> clarifying the conditions necessary to establish a condition of secondary homonymy between any two specific names. By FRANCIS HEMMING, C.M.G., C.B.E., <i>Secretary to the International Commission on Zoological Nomenclature</i>	Page
...	432

CASE No. 56

Transcription of the Latin "v" (vowel) and "v" (consonantal) and of the Latin "i" (vowel) and "i" (consonantal)

Document 56/1.—Proposition 17 : ajouter à l'Appendice, un paragraphe “F” intitulé : transcription du “v” et du “i” latins. By PIERRE BONNET (*Université de Toulouse, France*)... 434

Document 56/2.—Statement received on 19th January 1948 : proposal 17 by Professor BONNET concerning the Latin letters “v” and “i”. By LODOVICO DI CAPORIACCO (*University of Parma, Italy*) 435

Document 56/3.—Comment on Professor Pierre Bonnet's proposition 17 concerning the orthography of scientific names. By JIRI PACLT (*Bratislava, Czechoslovakia*) 436

CASE No. 57

New article relating to the status of names published as the names of infra-subspecific forms : proposal to extend the period of grace before the new rules apply in their entirety to names published for taxonomic units below the species level but not clearly intended to apply to populations as contrasted with individual forms and other minority elements

	Page
Document 57/1. —On the relation to the existing provisions regarding the status of names given to infra-subspecific forms of the proposal submitted on behalf of the Society of Systematic Zoology under cover of a letter dated 19th June 1952, from CHARLES D. MICHENER, then Chairman of the Nomenclature Committee of the above Society. By FRANCIS HEMMING, C.M.G., C.B.E., <i>Secretary to the International Commission on Zoological Nomenclature</i>	438
Document 57/2. —Report furnished by CHARLES D. MICHENER, when Chairman of the COMMITTEE ON NOMENCLATURE OF THE SOCIETY OF SYSTEMATIC ZOOLOGY. Letter, dated 19th June 1952, from CHARLES D. MICHENER, communicated under cover of a letter dated 27th July 1952, by W. I. FOLLETT, Professor Michener's successor as chairman of the above Committee...	442
Enclosure to CHARLES D. MICHENER'S letter of 19th June 1952: infra-specific Names	443
Document 57/3. —Extract from a letter dated 17th October 1952. By K. H. L. KEY (<i>Commonwealth Scientific and Industrial Research Organisation, Canberra, Australia</i>)	445

CASE No. 58

Intra-subspecific names : proposal to
withdraw recognition

Document 58/1. —NOMENCLATURE COMMITTEE OF THE SOCIETY OF SYSTEMATIC ZOOLOGY. Statement received under cover of a letter dated 27th July 1952, from W. I. FOLLETT, Chairman of the above Committee	446
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----

	Page
Annexe : infra-subspecific nomenclatural categories	446
Document 58/2.—Report by FRANCIS HEMMING, C.M.G., C.B.E., Secretary to the International Commission on Zoological Nomenclature	448

C A S E No. 59

Nomenclature of the specific complex

Document 59/1.—The nomenclature of the specific complex. By S. G. KIRIAKOFF, L.Sc. (Zoological Museum, Ghent University, Ghent, Belgium)	450
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------

C A S E No. 60

Proposed substitution of the term "specific name" in place of the term "trivial name" for the second portion of a binominal combination

Document 60/1.—Statement furnished by the NOMENCLATURE COMMITTEE OF THE AMERICAN MUSEUM OF NATURAL HISTORY, NEW YORK. Enclosure to a letter dated 18th July 1952 from ERNST MAYR	452
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------

C A S E No. 61

Proposed adoption of the adjective "nominate" in place of the adjective "nominotypical" to denote the subspecies of a polytypic species upon which the original description of that species was based

Document 61/1.—Proposal by the NOMENCLATURE COMMITTEE OF THE AMERICAN MUSEUM OF NATURAL HISTORY, NEW YORK. Enclosure to a letter, dated 1st July 1952 from ERNST MAYR	454
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------

C A S E No. 62

Need for uniformity of rules of zoological nomenclature for
the whole of the Animal Kingdom

	Page
Document 61/1. —Report by the NOMENCLATURE COMMITTEE OF THE SOCIETY OF SYSTEMATIC ZOOLOGY. Letter dated 27th July 1952 from W. I. FOLLETT, Chairman of the above Committee	455
Annexe : extent of uniformity of rules	456

C A S E No. 63

Trend away from “ automatic nomenclature ”

Document 63/1. —Report by the NOMENCLATURE COMMITTEE OF THE SOCIETY OF SYSTEMATIC ZOOLOGY. Letter dated 27th July 1952 from W. I. FOLLETT, Chairman of the above Committee	457
Annexe : trend away from “ automatic nomenclature ”	457

PART 3

**PROPOSALS FOR BROADENING THE BASIS OF
THE AUTHORITY OF THE INTERNATIONAL COM-
MISSION ON ZOOLOGICAL NOMENCLATURE, FOR
THE FURTHER REGULATION OF ITS COMPOSITION,
THE ELECTION OF ITS MEMBERS AND THEIR
CONDITIONS OF SERVICE, AND THE PROCEDURE
OF THAT BODY**

CASE No. 64

**Proposal for broadening the basis of the authority of the
International Commission on Zoological Nomenclature**

Document 64/1.—Statement submitted by the AMERICAN SOCIETY OF PARASITOLOGISTS 461

Document 64/2.—The present rules governing the size and composition of the International Commission on Zoological Nomenclature, the election of its Members and its procedure. By FRANCIS HEMMING, *Secretary to the International Commission on Zoological Nomenclature*... 464

Annexe 1: reproduction of Voting Paper V.P.(52) 47 relating to certain generic names in the Order Mallophaga (Class Insecta) 481

Annexe 2: reproduction of Voting Paper V.P.(53) 4 relating to the generic names *Crangon* and *Alpheus* of Weber (1795) and Fabricius (1798) (Class Crustacea, Order Decapoda) respectively 484

CASE No. 65

**Relationship between the International Commission on Zoological
Nomenclature and the International Congress of
Zoology : proposed maintenance of
existing arrangements**

	Page
Document 65/1.—Statement furnished by the NOMENCLATURE COMMITTEE OF THE SOCIETY OF SYSTEMATIC ZOOLOGY (U.S.A.)	492

CASE No. 66

**Question of the size of the International Commission
on Zoological Nomenclature**

Document 66/1.—Correspondence between HENNING LEMCHE (<i>Universitetets Zoologiske Museum, Copenhagen</i>) and FRANCIS HEMMING, Secretary to the International Commission on Zoological Nomenclature	
(1) Letter dated 24th July 1952 from HENNING LEMCHE	... 494
(2) Letter dated 9th August 1952 from FRANCIS HEMMING	... 495
(3) Letter dated 6th September 1952 from HENNING LEMCHE	... 495

Document 66/2.—Historical background of the present regulations governing the size and composition of the International Commission on Zoological Nomenclature	
	496

CASE No. 67

**Qualifications to be looked for in candidates for election as members
of the International Commission on Zoological Nomen-
clature and method to be adopted for elections to that body**

	Page
Document 67/1.—Proposal submitted by the NOMENCLATURE COMMITTEE OF THE CHICAGO NATURAL HISTORY MUSEUM	497
Document 67/2.—Historical background to the present regulations in regard to the qualifications to be looked for in candidates for election as members of the International Commission on Zoological Nomen- clature and the method to be adopted for elections to that body. By FRANCIS HEMMING, C.M.G., C.B.E., <i>Secretary to the Inter- national Commission on Zoological Nomenclature...</i> 	499

CASE No. 68

**Period of service of members of the International
Commission on Zoological Nomenclature**

Document 68/1.—Proposal submitted by the NOMENCLATURE COM- MITTEE OF THE CHICAGO NATURAL HISTORY MUSEUM ...	500
Document 68/2.—Historical background of the regulations at present in force for securing the due performance of their duties by individual members of the International Commission on Zoological Nomenclature. By FRANCIS HEMMING, C.M.G., C.B.E., <i>Secretary to the Inter- national Commission on Zoological Nomenclature</i>	502

CASE No. 69

On the giving by the International Commission on
 Zoological Nomenclature of advance notice of action
 proposed to be taken in particular cases

	Page
Document 69/1. —Views expressed by members of the SOCIETY OF SYSTEMATIC ZOOLOGY (U.S.A.)	503
Document 69/2. —Procedure of the International Commission on Zoological Nomenclature in the matter of giving of advance notice of action proposed to be taken in regard to particular problems. By FRANCIS HEMMING, C.M.G., C.B.E., <i>Secretary to the International Commission on Zoological Nomenclature</i>	505

PART 4

PROBLEMS AFFECTING THE INTERNATIONAL TRUST FOR ZOOLOGICAL NOMENCLATURE

CASE No. 70

Copyright of the publications issued
 by the International Trust for
 Zoological Nomenclature

Document 70/1. —Statement furnished by the SOCIETY OF SYSTEMATIC ZOOLOGY (U.S.A.)	509
Document 70/2. —Extent to which, and conditions in which, documents published by the International Trust for Zoological Nomenclature may be quoted or reproduced in other publications. Statement issued on 8th June 1953 by the INTERNATIONAL TRUST FOR ZOOLOGICAL NOMENCLATURE	512

CONTENTS OF THE PRESENT PART

	Page
Addendum : Documents considered by the Colloquium on Zoological Nomenclature, Copenhagen, 1953 which were received too late for publication prior to that meeting :	
Trivial names published partly as substitute names and partly as names for specified species or specified specimens. By Francis Hemming, <i>Secretary to the International Commission on Zoological Nomenclature</i> (Document 6/20)	517
Request for a Ruling that any two generic names or trivial names in the same genus, each based upon a word transliterated into the Latin alphabet from a language using another alphabet but differing from one another in the transliteration used, be treated as homonyms of one another. By Teiso Esaki (<i>Kyushu University, Fukuoka, Japan</i>) (Document 53/3)	523
Corrigenda	526
Authors' Index	527
Particulars of dates of publication of the several Parts in which the present volume was published	531
Instructions to binders	533
<hr style="width: 20%; margin-left: auto; margin-right: 0;"/>	
Title Page : Composition of the International Commission on Zoological Nomenclature : Foreword by the Secretary to the Commission : Table of Contents	T.P.—LXIV